

ARTS BUILDING, QUEEN'S UNIVERSITY.



QUEEN'S UNIVERSITY

FACULTY OF MEDICINE

—AND—

Royal College of Physicians and Surgeons.

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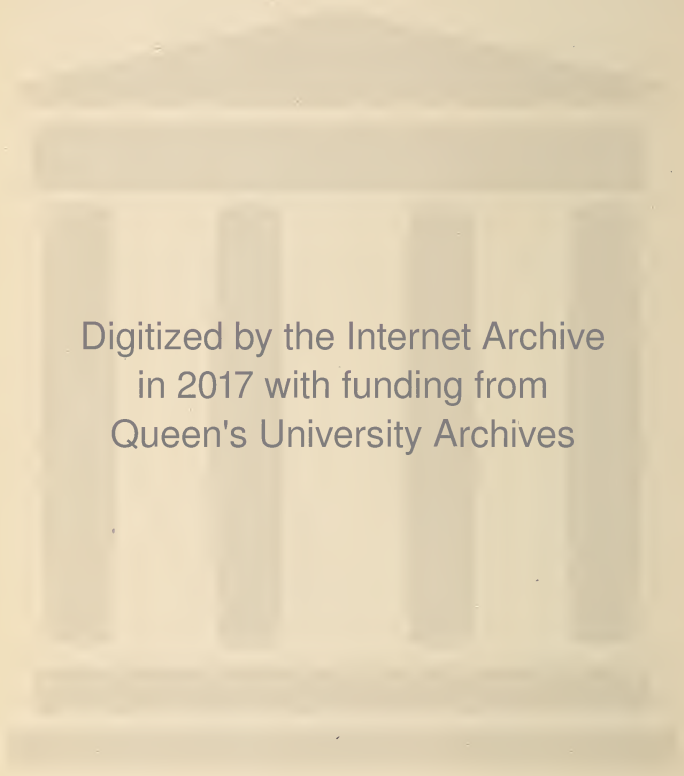
ANNUAL CALENDAR.



43RD SESSION, 1896-97.

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KINGSTON:  
PRINTED AT THE BRITISH WHIG.  
1896.



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## ACADEMIC YEAR.

1896.

- Sept. 1—Notice of intention to appear at Supplementary Pass and Matriculation Examinations to be given in writing to Rev. Dr. Bell, Registrar of the University. The subjects upon which the candidate intends to write must be stated in his notice.
- Sept. 17—Matriculation Examinations begin.
- Oct. 1—Classes begin.
- Oct. 13—Supplemental Examinations begin in Convocation Hall.
- Oct. 16—University Day. Holiday.
- Dec. 23—Christmas holidays begin.

1897.

- Jan. 7—Classes re-open.
- Mar. 5—Time expires for registering Tickets and Certificates with the Secretary.
- Mar. 21—Time expires for receiving Theses for M.D.
- Mar. 21—Class work closes.
- Mar. 21—Time expires for receiving Essays for University Prizes.
- Mar. 26—Examination begins.
- April 27—Statutory meeting of Senate for conferring degrees.
- April 29—Convocation for distributing Prizes, announcing honours and laureating graduates.
- April 30—Summer session begins.
- June 27—Summer session closes.

TIME TABLE—FIRST SESSION.

Time.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9—10	Biology <del>Anatomy.</del>	Anatomy.	Biology <del>Anatomy.</del>	Anatomy.	Biology <del>Anatomy.</del>	
10—11	Physics Physiology and Animal Biology. <del>Cell building</del>	Physics Physiology and Animal Biology.	Physics Physiology and Animal Biology.	Practical Physiology and Histology. <del>with Minerals</del>	Practical Physiology and Histology. <del>with arts</del>	
11—12	Junior Chemistry.	Junior Chemistry.	Junior Practical Chemistry.	Practical Biology.	Practical Biology.	
12—1						
2—4	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	
4—5		Materia Medica.		Materia Medica.		

*TIME TABLE—SECOND SESSION.*

<i>Time.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9—10	Anatomy.	<del>Anatomy.</del>	Anatomy.	<del>Anatomy.</del>	Anatomy.	
10—11	Physiology.	Physiology.	Physiology.	Physiology.	Physiology.	
11—12	Analytical Chemistry.	Analytical Chemistry.	Analytical Chemistry.	Senior Chemistry.	Senior Chemistry.	
12—1		Histology and Embryology.		Histology and Embryology.		
2—4	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Pharmacy.
4—5	Materia Medica and Therapeutics.		Materia Medica and Therapeutics.		Materia Medica and Therapeutics.	

*TIME TABLE—THIRD SESSION.*

<i>Time.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9—11	Pathology and Bacteriology.		Pathology and Bacteriology		Pathology and Bacteriology.	
10—11		Clinical Medicine.		Clinical Medicine.		
11—12	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	
2—3	Obstetrics.	Obstetrics.	Obstetrics.	Gynæcology.	Gynæcology.	
3—4		Junior Practice of Medicine.		Junior Practice of Medicine.		
4—5	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	
5—6		Medical Jurisprudence.		Medical Jurisprudence.		



*TIME TABLE—FOURTH SESSION.*

<i>Time.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9—10	Medical and Surgical Anatomy.		Medical and Surgical Anatomy.		Medical and Surgical Anatomy.	
9—11		Pathology and Bacteriology.		Pathology and Bacteriology.		
10—11	Clinical Medicine.		Clinical Medicine.		Clinical Medicine.	
11—12	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	
2—3	Obstetrics.	Obstetrics.	Obstetrics.	Gynæcology.	Gynæcology.	
3—4	Senior Practice of Medicine.		Senior Practice of Medicine.		Senior Practice of Medicine.	
4—5	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	
5—6			Sanitary Science.			

OFFICERS OF INSTRUCTION.  
FACULTY OF MEDICINE.

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FORTY-THIRD SESSION, 1896-97.  
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*Medicine.*

- FIFE FOWLER, M.D., L.R.C.S., EDIN.,  
Professor of the Principles and Practice of Medicine. Dean of the Faculty.  
D. CUNNINGHAM, B.A., M.D., Assistant.  
JOHN HERALD, M.A., M.D.,  
Professor of Clinical Medicine and Dermatology. Secretary of the Faculty.  
J. W. CAMPBELL, B.A., M.D.,  
Professor of Materia Medica, Therapeutics and Pharmacy.

*Surgery.*

- HON. MICHAEL SULLIVAN, M.D.,  
Professor of the Principles and Practice of Surgery.  
D. E. MUNDELL, B.A., M.D., Assistant.  
W. G. ANGLIN, M.D., M.R.C.S., ENG.,  
Professor of Clinical Surgery.

*Obstetrics and Gynæcology.*

- R. W. GARRETT, M.A., M.D., Professor.  
ISAAC WOOD, M.A., M.D., M.R.C.S., ENG., F.O.S., EDIN.,  
Assistant Professor and Lecturer on Pædiatrics.

*Medical Jurisprudence.*

- D. CUNNINGHAM, B.A., M.D., Professor.

*Sanitary Science.*

- W. T. CONNELL, M.D., M.R.C.S., ENG., L.R.C.P., LOND., Professor.

*Anatomy.*

- EDWARD RYAN, B.A., M.D.,  
Professor of Systematic Anatomy.  
D. E. MUNDELL, B.A., M.D.,  
Professor of Surgical Anatomy.  
D. V. SULLIVAN, B.A., M.D., M.R.C.S., ENG., L.R.C.P., LOND.,  
Demonstrator of Anatomy.

*Pathology and Bacteriology.*

- W. T. CONNELL, M.D., M.R.C.S., ENG., L.R.C.P., LOND., Professor.

*Diseases of the Eye, Ear, Throat and Nose.*

- J. C. CONNELL, M.A., M.D., Professor.

*Mental Diseases.*

- C. K. CLARKE, M.D., Medical Superintendent of Rockwood Asylum for Insane.

*Biology, Physiology and Histology.*

- JAMES FOWLER, M.A., F.R.C.S.  
Professor of Botany and Vegetable Histology.  
A. P. KNIGHT, M.A., M.D.,  
Professor of Animal Biology, Physiology and Histology.  
WM. MOFFATT, M.A., } Demonstrators and Tutors.

*Chemistry and Applied Chemistry.*

- W. L. GOODWIN, B. Sc., EDIN., Professor.  
ISAAC WOOD, M.A., M.D., M.R.C.S., ENG., F.O.S., EDIN., Lecturer.



MEDICAL BUILDING.



## ANNOUNCEMENT.

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The Forty-third Session will commence on Thursday, Oct. 1st, 1896. The formal opening will take place on Oct. 8th, 1896, at 3 p.m. Dr. W. T. Connell will give the inaugural address.

Certificates of attendance are recognized by the Royal College of Surgeons of London and Edinburgh, so that those possessing the Degree of M.D. from Queen's University, are entitled to all the privileges in Great Britain that are accorded to the students and graduates of other Colonial Colleges and Universities.

The medical department occupies very commodious premises immediately adjacent to Queen's College, the School of Mining and Agriculture, and the Hospital. The Dissecting Room is large, well lighted and ventilated; the class rooms are commodious and comfortable. The Large Museum, and the Histological and Pathological Laboratory, recently fitted up, are on the first floor, and are supplied with all the necessary modern apparatus for the practical teaching of those important branches of the Medical Curriculum—such as microscopes, microtomes, warming stage, moist chambers, staining fluids, mounting materials, and other appliances. Students are afforded superior advantages for examining morbid specimens and for the study of Histology and Bacteriology.

Instruction in every branch is given by Lectures, Recitations and Clinical teaching, and is made as thorough and practical as possible. The faculty, having now at its command all the apparatus and appliances necessary for imparting a sound medical education in every branch of the Curriculum, is in a position to offer to students all the advantages to be obtained anywhere else in the Dominion.

An abundant supply of dissecting material affords unrivalled opportunities for the study of Practical Anatomy, the foundation of all medical knowledge.

The Kingston General Hospital and Hotel Dieu, both within a few minutes' walk of the University buildings, are open to the students, and offer every facility for the prosecution of Clinical



studies. Students, if they so desire, can visit the Penitentiary Hospital with DR. STRANGE, and the Hospital for the Insane with DR. CLARKE, the Superintendent, in addition to visiting the other hospitals.

The General Hospital has now accommodation for two hundred patients, its capacity having been largely increased by the completion of the Nickle wing. Another building, a bequest of the late Michael Doran, specially for Obstetric and Gynæcological cases has been erected. A theatre for *post mortem* examinations has also been built. A new operating ampitheatre, the gift of the late Dr. K. N. FENWICK, was built last year on the most approved modern plans, and specially constructed to afford students every facility for observing Surgical operations.

As proofs of the superior quality of the instruction given, the Faculty points with pride to the high positions taken by its students at the examinations of the Medical Council of Ontario, and of the Royal College of Surgeons of England, as well as to the professional success of its graduates everywhere.

Kingston is, moreover, a healthy and pleasant city, while the cheapness of living is such as to commend it to the notice of all intending students.

Good board in respectable houses may be obtained at prices ranging from \$3.00 to \$4.00 per week. List of boarding and lodging houses can be obtained on application to the Registrar of the University.

## CURRICULUM.

Candidates for the Degrees of M.D. and C.M., or the College Diploma, must have completed a period of four year's study which must comprise four winter sessions and one summer session, and have passed the Matriculation Examination of Queen's College, as follows, or an equivalent :

English Language, Grammar and Composition.

Arithmetic with Vulgar and Decimal Fractions.

Algebra, including simple equations.

Geometry, first two books of Euclid.

1896 { Virgil, *Æneid*, III.  
Cæsar, *Bellum Brittanicum*, V. VI.

1897 { Virgil, *Æneid*, III.  
Cæsar, *Bell. Gall.*, II, III, IV.

Translation from English into Latin prose, involving a knowledge of Bradley's Arnold, Exercises 1-24 and 49-64 inclusive.

Translation at sight, with the aid of vocabularies, of easy passages from Latin authors.

A paper on Latin Grammar.

Natural Philosophy, as in Stewart's Physics, or one book in Greek, French or German.

NOTE—After 1895, all students must take Physics at their Matriculation Examination unless they have passed previously the Primary, the Junior or the Senior Leaving Examination in Physics of the Education Department or an equivalent.

Graduates and Matriculants in Arts from any recognized University, and all who have passed the Matriculation Examination of the Medical Council of Ontario, are not required to pass the above Matriculation Examination.

The Matriculation Examination must have been passed before a student can be admitted to any of the Professional Examinations, although lectures may be attended before passing it.

Graduates in Arts may complete their Medical Curriculum in \*three years.

Every candidate must have given regular attendance on full courses of instruction in the following departments for the periods stated, during at least three sessions :

## SUBJECTS OF STUDY AND FEES.

1st year:—Botany and Animal Biology, Anatomy, Physiology, Histology, Chemistry—Theoretical, Practical Anatomy, ~~Materia Medica~~ *Physics*

2nd year:—Anatomy, Physiology, Materia Medica—Therapeutics, ~~Practical Pharmacy, Chemistry~~—Theoretical, Chemistry—Analytical, Practical Anatomy, Histology, Embryology

3rd year:—Practice of Medicine, Clinical Medicine, Surgery, Clinical Surgery, Obstetrics and Gynæcology, Jurisprudence, Pathology. *Top Anatomy, Med. and Lab.*

4th year:—Practice of Medicine, Clinical Medicine, Surgery, Clinical Surgery, Obstetrics and Gynæcology, Medical and Surgical Anatomy, Sanitary Science, Pathology.

The fee for the above course, including Registration, Examination, Laboratories, and the required amount of dissection material is \$90 per session if paid on or before October 31st; after that date the fee is \$95. Special arrangements will be made as to fees with those who do not take the full course of any year.

The above course of study may have been pursued either wholly at Queen's or partly at Queen's and partly at some other recognized Medical School. In the latter case, at least one full session must have been spent at this University.

Certificates of attendance on lectures are accepted from incorporated Medical Schools in the British Dominions, and others recognized by British Universities and licensing Colleges. Other certificates of attendance of Lectures may be accepted at the discretion of the Faculty.

Students who have passed the Primary Examination in Botany and the Senior Leaving Examination in Zoology of the education department will not be required to take these subjects during their medical course.

All students must present evidence of having compounded medicine for a period of six months, in the office of a regularly qualified Medical Practitioner, and of having attended at least six cases of Midwifery. Students must also present evidence of having attended six post mortem examinations, as well as certificates showing a practical knowledge of the use of the microscope and ability to prepare microscopic specimens.

Matriculated students or graduates in the Faculty of Arts who have attended during their course, any course of lectures, or of practical instruction of the character and duration required by the Curriculum in Medicine, may obtain certified tickets of the course, on payment of the ordinary fee demanded from students in medicine, less the Laboratory fees paid during their Arts course.

## EXAMINATION AND GRADUATION.

Every candidate intending to appear at the Final Examination must, on or before the 5th day of March in the year in which he proposes to graduate, present to the Secretary a declaration under his own hand that he is twenty-one years of age, or that he will be so before the day of graduation, accompanied by a certificate of good moral character, and a statement of his medical studies, with proper certificates.

### EXAMINATIONS.

Examinations are required at the end of every session, as follows :

At the end of the first session :—

Anatomy—Bones, Muscles and Ligaments, Animal Biology and Physiology, Theoretical Chemistry, Materia Medica.

At the end of the second session :—

Anatomy, Physiology, Histology, Materia Medica and Therapeutics. Chemistry—Theoretical and Analytical.

At the end of the third session :—

Practice of Medicine and Therapeutics, Surgery, Obstetrics and Gynæcology, Pathology, Jurisprudence.

At the end of the fourth session :

Practice of Medicine, Surgery, Obstetrics and Gynæcology, Medical and Surgical Anatomy, Pathology and Bacteriology.

On each senior paper the examiner will put pass and honour questions. Students desiring rank must answer both.

A candidate cannot obtain University rank for any of the foregoing examinations until he has matriculated.

Supplemental Examinations will be held in Convocation Hall, commencing October 13th, at 10 a.m.

Students in Arts who have the study of Medicine in view are advised to take during their Arts Course the Honour subjects in Animal Biology and thus complete part of the Practical Anatomy, and all of the Physiology and Histology of their medical course. An Arts Degree along these lines shortens by one year the course of study required by the Medical Council of Ontario.

## EQUIVALENT EXAMINATIONS.

The following courses and examinations in Arts will be accepted in medicine.

### *Faculty of Arts.*

1. Course and examination in Botany (Junior).
2. Honour course and examination in first year Animal Biology.
3. Honour course and examination in 2nd year Animal Biology including Histology.
4. Course and examination in Junior Chemistry.
5. Course and examination in Senior Chemistry Nos. 1, 2 and 4 Arts Calendar.
6. Course and examination in 1st year honours, Nos. 2, 4 and 5.

### *Faculty of Medicine.*

1. Course and examination in Botany.
2. Course and examination in 1st year Physiology.
3. Course and examination in 2nd year Physiology and Histology.
4. Course of 1st year Chemistry (See Calendar, p. 55).
5. Course and examination in 2nd year Chemistry.
6. Course and examination in Analytical Chemistry.

NOTE:—Equivalents 2 and 3 do not apply to arts graduates prior to 1894.

## FEES.

Degree of M.D. ....	\$25 00
Degree of C.M. ....	5 00
Diploma of Royal College of Physicians and Surgeons. ....	20 00
Fellowship of Royal College of Physicians and Surgeons. ....	50 00
Supplemental Examinations ....	10 00

The Kingston General Hospital may be attended by students during the whole period of study for one payment of \$20.00 at the commencement.

The Diploma of the Royal College of Physicians and Surgeons is open to Graduates in Medicine of Queen's University, in good standing on payment of the fee.

All Class, Registration and Examination Fees are payable to Dr. Fowler, Dean of the Faculty of Medicine and must be paid in advance.

Fees for the Degrees of M.D. and C.M. are payable to Dr. Bell, the Registrar of the University.

## PRIZES.

Besides University Prizes, Scholarships, and Honours, open to Medical Students, the following are offered every year, viz:—



1. At the end of the second session :—

Two demonstrators and four prosectors in Anatomy will be chosen by the Professor of Anatomy and the Lecturer on Practical Anatomy.

A prize of \$25.00 to be awarded to the student making the highest number of marks on this year's examination in Anatomy, Physiology, Materia Medica.

2. At the end of the fourth session :—

Two University medals to be awarded to the two students making the highest percentages on the pass and honour examinations of the year.

A six weeks' course in Gynæcology at the Post Graduate School of Medicine, New York, to be awarded to the student making the highest number of marks on the Final Examination in Obstetrics and Gynæcology.

This prize is given by the President of the Post Graduate School.

Two House Surgeoncies at the Kingston General Hospital, of twelve months each, are to be awarded to the two students making the highest percentages on the examinations of the year. Candidates for these appointments must have passed all previous examinations.

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## STUDENTS' APPOINTMENTS.

Dressers in Eye and Ear Department.

Surgical Dressers. Final Students will be arranged in classes to act as dressers in the surgical wards, where they will have an opportunity of practicing bandaging and the use of other surgical appliances.

Clinical Clerks—Medical and Gynæcological.

These will be appointed from among the Final students to take charge of cases in the Medical and Gynæcological wards.

Prosectors to the chair of Anatomy, (4), to each of whom a Diploma of Merit is awarded.

Examinations will be held immediately before the Examinations of the Medical Council, which commence in the City of Kingston in April.

All who desire to practice medicine in Ontario must pass the Matriculation and other examinations of the Medical Council.

All applications with reference to Medical Studies to be made to the Dean or Secretary of the Faculty.

## COURSE OF INSTRUCTION.

### 1. THEORY AND PRACTICE OF MEDICINE—(PROF. FOWLER).

This class consists of a Senior and Junior Course of fifty lectures each, embracing the following divisions, viz: The General Principles of Medicine, the Nature and cause of Disease, Symptoms, Intercurrent Affections during the course of a disease, Diagnosis, Means of Prevention and General and special treatment; together with the Classification of Diseases, the Morbid Changes of the different organs and structures of the body affected, and the Hygienic Management of patients.

These lectures are illustrated by plates, morbid specimens and models of diseased parts.

### 2. PRINCIPLES AND PRACTICE OF SURGERY—(PROF. SULLIVAN).

This course consists of 100 lectures, part of which will be given in the class room of the college and part in the Hotel Dieu Hospital. In the latter institution patients illustrating the lectures will be exhibited to the class and operations performed in the presence of the students.

These Lectures, besides the Principles and Practice of Surgery, will include a course of Surgical Anatomy and Surgical Pathology, illustrated by plates, models and specimens, explaining the most recent theories. The use of instruments and surgical apparatus and appliances is taught; the chief operations are performed on a cadaver, and advantage is taken to give a concise and practical course in special surgery, introducing the latest and most improved operations and modes of treatment with the use of such instruments as are employed in special surgery.

### 3. OBSTETRICS AND DISEASES OF WOMEN—(PROF. R. W. GARRETT).

This course consists of 100 Lectures, embracing the Principles and Practice of Obstetrics and a full course on Gynæcology, illustrated by drawings, models, the use of artificial pelvis, etc.

The class will be admitted in sections to see the operations in the Doran Building.

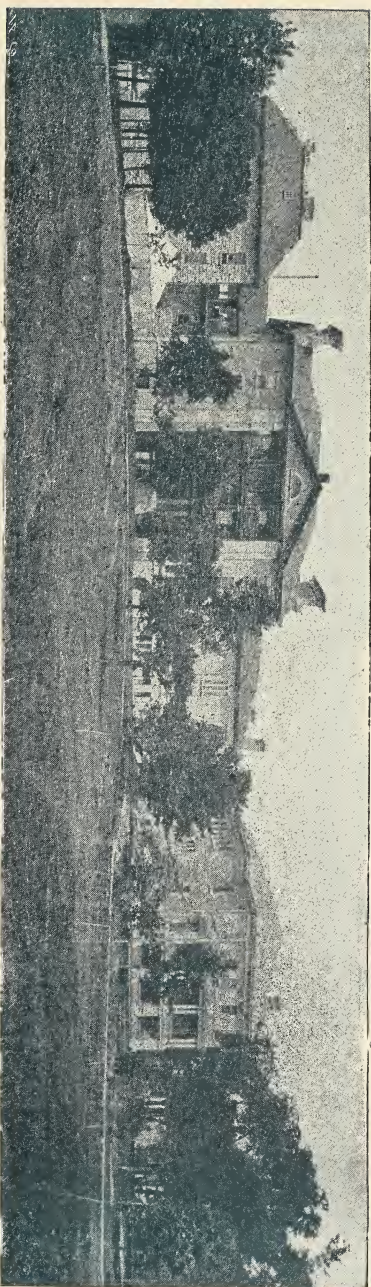
Nickle Wing for Contagious  
Cases,

Medical and Surgical  
Wards,

Watkins Wing for Private  
Treatment.

Doran Wing for Treatment  
of Women.

**KINGSTON GENERAL HOSPITAL.**





Ample opportunities will be afforded to the students for studying this important branch practically, as they will be arranged in classes to attend the Obstetric practice of the Hospital.

Full instructions will be given for the after-management of Obstetric Cases; and the accidents and diseases of that critical period will be properly discussed, and also the diseases of infancy and early childhood.

4. MATERIA MEDICA, THERAPEUTICS AND PHARMACY.—(PROF. CAMPBELL.)

In this course, which consists of 100 Lectures, all the important drugs used in medical, surgical and obstetrical practice will be fully described and their properties, preparations and doses given. Their therapeutic action, and the conditions in which a particular medicine of a certain class is more suitable than others of the same class, will receive special attention. Instruction in Prescription Writing forms a characteristic feature of the Materia Medica course.

This course will be illustrated by plates, and specimens of the various drugs and chemicals used in medicine.

5. ANATOMY.—(PROF. RYAN.)

Anatomy is taught in the most practical manner possible.

Five Lectures a week are given in the Anatomy class-room, and are fully illustrated by recent dissections on the cadaver, and also by plates, drawings and preparations.

Four of the best dissectors among the third year students are chosen each session as *prosectors*, and these, under the direction of the Professor, make careful dissections of the parts to be brought before the class. Thus students not only hear a description of the tissues of the body, but see them properly dissected and lying in their natural relations to each other. Every facility for studying Anatomy is afforded the students, and prizes are given at the end of the session for the best examinations passed.

6. ANIMAL BIOLOGY, INCLUDING PHYSIOLOGY AND HISTOLOGY.—(PROF. KNIGHT.)

This includes an elementary course of Lectures and Demonstrations on Animal Biology and Physiology for first year students and a course of Lectures on Physiology for second year students.



Students are instructed in the use of various physiological instruments, such as the sphygmograph, spirometer, manometer, etc., and everything is done, as far as time will permit, to make them practically acquainted with modern Physiology, its methods, its deductions, and the basis upon which the latter rest.

The minute anatomy of the various tissues and organs will be illustrated by models, diagrams, and a large number of sections of both fresh and prepared tissues which will be furnished to each student, for examination under the microscope. These sections must be carefully studied, drawn and described in a blank book specially provided for the purpose; and this sessional work, if satisfactory, will be accepted in lieu of a practical examination in histology at the end of the session.

7. THEORETICAL CHEMISTRY—(PROF. GOODWIN AND DR. WOOD.)

This course comprises Chemical Physics, Chemical Philosophy, Inorganic and Organic Chemistry.

The Lectures are fully illustrated by experiments.

8. PRACTICAL CHEMISTRY—(DR. WOOD.)

(a) Qualitative analysis, including the testing of simple solutions and powders by wet and dry methods, and testing for the commoner poisons.

(b) Practical course in chemical physiology, including urinalysis, the examination of proteids, carbohydrates, fats, digestive fluids, bile blood and milk.

9. MEDICAL JURISPRUDENCE—(PROF. CUNNINGHAM.)

This course includes documentary and oral evidence, identification, real and apparent death, autopsies, the taking down of evidence, the appearance of wounds and other external injuries before and after death, effects of suffocation, drowning, the detection of blood stains, seminal fluid, etc.; the evidence of rape, criminal abortion, concealment of pregnancy and infanticide; insanity, feigned diseases, impotence, sterility, legitimacy, survivorship, life assurance, malpractice, and Medical Toxicology. The Lectures are illustrated with plates and specimens when necessary.

10. PRACTICAL ANATOMY—(DR. D. V. SULLIVAN.)

The Dissecting Room will be open from 8 a.m. to 6 p.m. for the use of the students; and instruction will be given every day in dissecting, and in the details of Practical Anatomy, by the Demonstrator or his assistants. Students are furnished with material for dissection, of which there is always an abundant supply in the institution.

11. CLINICAL MEDICINE—(PROF. HERALD).

1. Clinical study of Diseases, with reports of cases.
2. The instruments employed in the diagnosis of disease.
3. Physical diagnosis of diseases of the heart and lungs.
4. Physical diagnosis of diseases of the abdomen.
5. The chemical and microscopical examination of the blood, expectoration, vomited matters and urine.

12. CLINICAL SURGERY—(PROF. ANGLIN).

These Lectures are given upon the various Surgical cases in the wards of the General Hospital. They are delivered at the bedside or in the Theatre of the Hospital. When the Lectures are delivered in the Theatre the patients are brought in and their diseases exhibited to the class; the symptoms, diagnosis, treatment, course and probable termination of them are pointed out, and all the circumstances attending their cases thoroughly impressed upon the minds of the students. When requiring it the Lectures are elucidated by plates, surgical apparatus, morbid specimens, models, etc. All operations are performed in presence of the class.

Special instruction will be given in the application of splints, bandages and antiseptic appliances.

13. SANITARY SCIENCE—(PROF. W. T. CONNELL).

During the summer session only.

14. BOTANY—(PROF. FOWLER).

During the summer session only. The Lectures will be illustrated by drawings, microscope sections, dried specimens and living plants.

15. PATHOLOGY AND BACTERIOLOGY—(PROF. W. T. CONNELL).

This course includes post mortem examinations and the gross and microscopic appearance of diseased specimens.

Instruction in Medical and Surgical Pathology will be given by means of Lectures and demonstrations upon recent morbid specimens, and upon many valuable preparations already in the Museum of the College.

Ample opportunities will be afforded the students to acquire a thorough practical knowledge of the microscopical appearance and modes of preparation of the different pathological conditions of the various organs and tissues of the body.

16. MEDICAL AND SURGICAL ANATOMY.—(PROF. MUNDELL).

This course embraces all the important branches of Anatomy as applied to Medicine and Surgery. The situation of the different internal organs, the course of Arteries, Veins and Nerves, and the prominent points of the body which serve as guides to the Physician and Surgeon, will be pointed out on the cadaver, and the course made as practical as possible.

17. PRACTICAL PHARMACY.—(PROF. CAMPBELL).

This course consists of 25 Lectures, illustrated by Pharmaceutical Preparations; the dispensing of Prescriptions, illustrating the Chemical and Physical incompatibilities; and the testing of Drugs especially so as to distinguish those which in appearance closely resemble each other.

18. DISEASES OF THE EYE, EAR, THROAT AND NOSE.—(DR. J. C. CONNELL).

A complete course is given during the summer session, at the close of which a special examination is held and a certificate granted to those who pass. The course includes private instruction in the use of the Ophthalmoscope and Laryngoscope, students being taken in rotation to Dr. Connell's office. During the winter session operations and clinics are given in connection with Clinical Surgery.

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BOOKS RECOMMENDED TO STUDENTS.

ANATOMY—Gray, \$6.50; Heath, \$4.50; Quain, \$10.80; Holden.

INSTITUTES OF MEDICINE—Foster's Macmillian's one vol. ed., \$4.50; McKendrick's.

MATERIA MEDICA, PHARMACY AND THERAPEUTICS—Bartholow's *Materia Medica and Therapeutics*, Hare's *Practical Therapeutics*, Mitchell's *Bruce's Materia Medica and Therapeutics*, Potter's *Materia Medica, Pharmacy and Therapeutics*.

PRINCIPLES AND PRACTICE OF SURGERY—Walsham and Bryant and Erichsen and Moulin's *Surgery*; for reference, any of the larger works. For "Minor Surgery," Heath's *Minor Surgery and Bandaging*.

THEORY AND PRACTICE OF MEDICINE—Roberts, \$5; or Osler; Duanes' *Students' Medical Dictionary*.

OBSTETRICS—Galabin's or Lusk's *Midwifery*, \$3; Baldy or Garrigue, \$3; Smith on *Diseases of Children*, \$5.

PATHOLOGY—Bolby, Green, Delafield.

CHEMISTRY—Goodwin's *Text Book of Chemistry*, Holland's *The Urine*, &c.

BOTANY—Gray's *Structural and Systematic Botany*, vols. 1 and 2.

MEDICAL JURISPRUDENCE—Reese's *Medical Jurisprudence*, Taylor's *Medical Jurisprudence* (11th Am. ed.); for reference, McLean, Hamilton and Tidy.

SANITARY SCIENCE—Wilson's *Hand Book*, Parke's *Practical Hygiene*, Rohe's *Text Book of Hygiene*.

HISTOLOGY—Sterling.

ELEMENTARY ANIMAL BIOLOGY—Dr. Campbell.

PRACTICAL ANATOMY—Heath, \$4.50; or Ellis.

ELEMENTARY PHYSIOLOGY—Foster and Shore.

DISEASES OF THE EYE—Swanzy, Nettleship, Noyes, Berry, Fuchs, Roosa, Hartridge.

DISEASES OF THE EAR—Pritchard, Politzer, Deuch, Buck, Pomeroy, Burnett.

DISEASES OF THE THROAT AND NOSE—Burnett's *System*, Bosworth, MacKenzie, Macdonald, Lennox Browne, Sajous.

## MUSEUM.

The Museum contains numerous valuable Pathological Specimens, collected both from Hospital and private practice. A large number of plaster of Paris models, etc. belong to the Pathological Department. Anatomy is illustrated by models of dissections of various parts of body, especially the Brain, Heart and Lungs.

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## LIBRARY.

The Library of the Medical Department to which students have access, is furnished with the Standard Text-Books and Works of Reference. The reading room is always provided with the leading Medical and Surgical publications and periodicals of the day.

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## SUMMER SESSION.

The Summer Session will commence on April 30, 1897, immediately after the Council Examinations. Students are advised to take their Summer Session at the end of their third Winter Session.

Attendance for the Summer Session must be certified by the Lecturers at the close of the session.

The fee for the Summer Session is \$20. Tickets may be obtained from the Dean of the Faculty.

Examinations will be held at the close of the summer session in the subjects of Botany, Sanitary Science, Eye, Ear, Nose and Throat, and Bacteriology.



TIME TABLE—SUMMER SESSION, 1897.

SUBJECT.	MONDAY.	TUESDAY.	WEDNESD'Y.	THURSDAY.	FRIDAY.	SATURDAY.	WHERE HELD.
Operative Surgery.....	4.00		4.00		4.00		Medical College.
Clinical Medicine.....	10.00		10.00		10.00		General Hospital.
Clinical and Minor Surgery and and Bandaging.....	11.00		10.00		11.00		General Hospital.
Clinical Obstetrics and Gynaecology.....		11.00		11.00			General Hospital.
Mental Diseases.....		2.00		2.00		2.00	Rockwood Hospital.
Hotel Dieu Clinics.....	3.00		3.00		3.00		Hotel Dieu.

CLASSES TAKEN DURING SUMMER BUT NOT PART OF SUMMER SESSION.

Botany.....	9.00	9.00	9.00	9.00	9.00		Arts Building.
Diseases of Eye, Ear, Throat....	9.00	9.00	9.00	9.00	9.00		General Hospital.
Sanitary Science.....	8.00	8.00	8.00	8.00	8.00		Medical College.
Bacteriology.....	12.00		12.00		12.00		Medical College.

## College of Physicians and Surgeons of Ontario.

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### SECTION 1.

#### MATRICULATION.

1. Every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must on and after the first day of November, 1892, present to the Registrar of this College the Official Certificate of having passed the Department Art Pass Matriculation Examination, and in addition Physics and Chemistry, whereupon he or she shall be entitled to be so registered upon the payment of twenty dollars, and giving proof of identity.

2. Graduates in Arts, in any University in her Majesty's Dominions, are not required to pass this examination, but may register their names with the Registrar of the College upon giving satisfactory evidence of their identity and certificate of qualifications, and upon paying the fee of twenty dollars.

3. Every Medical Student after Matriculating shall be registered in the manner prescribed by the Council, and this shall be held to be the preliminary to his medical studies, which will not be considered to begin until after the date of such registration.

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### SECTION 2.

#### MEDICAL CURRICULUM.

1. On and after the first day of July, 1892, every student must spend a period of five years in actual professional studies, except as hereinafter provided; and the prescribed period of studies shall include four Winter Sessions of six months each and one Summer Session of ten weeks. The fifth year shall be devoted to clinical work, six months of which may be spent with a Registered Practitioner in Ontario, and six months at one or more Public Hospitals, Dispensaries or Laboratories devoted to Physiological or Pathological



DORAN BUILDING (SIDE VIEW).



research, Canadian, British or foreign, attended AFTER being registered as a Medical Student in the Register of the College of Physicians and Surgeons of Ontario,—“But any change in the curriculum of studies fixed by the Council shall not come into effect until one year after such change is made.”

Homœopathic Students who attend four sessions at any medical college where nine months sessions are taught, to be held equal to four Winter sessions, and one Summer session of this College. This shall not in any way interfere with the practical and clinical work as prescribed by the Medical Council of Ontario for the fifth year.

2. Graduates in Arts or Science of any College or University recognized by the Council who shall have spent a year in the study of Physics, Chemistry and Biology, and have passed an examination in these subjects for degree in Arts or Science, shall be held to have completed the first year of the five years of Medical study, and will only be required to pass three years after graduating in attendance upon Medical studies, and having spent one year thereafter in practical clinical work before being admitted to their Final Examination.

No tickets for lectures will henceforth be accepted by the Council unless it is endorsed thereon that the pupil had attended at least 75 per cent. of each course of said Lectures, as shown by the teacher's own roll.

3. Application for every professional examination must be made to the Registrar of the College of Physicians and Surgeons of Ontario two weeks prior to the examination. No application will be received unless accompanied by the necessary tickets and certificates, and by Treasurer's receipt showing that fees have been paid.

4. Each “Six Months' Course” of not less than fifty lectures, and each “Three Months' Course” of not less than Twenty-five lectures.

5. Every student must attend the undermentioned courses of lectures in a University, College or School of Medicine approved of by the Council, viz :

Two courses of not less than six months each (in the different years upon

ANATOMY.

PRACTICAL ANATOMY.



PHYSIOLOGY (including Histology).  
THEORETICAL CHEMISTRY.  
MATERIA MEDICA AND THERAPEUTICS.  
PRINCIPLES AND PRACTICE OF MEDICINE.  
" " " " SURGERY.  
MIDWIFERY AND DISEASES OF WOMEN.  
CLINICAL MEDICINE.  
" SURGERY.

One course of not less than six months each, upon

MEDICAL JURISPRUDENCE.

MEDICAL, SURGICAL AND TOPOGRAPHICAL ANATOMY.

Two courses of not less than three months each (in the different years), upon

DISEASES OF CHILDREN.

PRACTICAL CHEMISTRY (including Toxicology).

One course of not less than three months each, upon

SANITARY SCIENCE.

PRACTICAL PHARMACY.

One course of ten Lectures upon

MENTAL DISEASES.

One course of fifty Demonstrations upon

PHYSIOLOGICAL HISTOLOGY.

6. Every candidate will be required to prove that he has carefully dissected the adult human body.

7. Also must have attended the practice of a General Hospital for twenty-four months during the first four years of study.

8. Also must have attended six cases of Midwifery.

9. Also, must before being registered as a member of the College of Physicians and Surgeons of Ontario, have passed all the Examinations hereinafter prescribed, and attained the full age of twenty-one years.

10. Graduates in Medicine from recognized Colleges outside the Dominion of Canada, who desire to qualify themselves for registration, must pass the Matriculation required by the Council; and must attend one or more full Winter Courses of Lectures in one of the Ontario Medical Schools, and must complete fully the Practical and Clinical Curriculum required by the Council after the fourth year, and shall pass before the Examiners appointed by the Council all the Examinations hereinafter prescribed, so as to complete fully the Curriculum.

11. That British Registered Medical Practitioners on paying all fees and passing the Intermediate and Final Examinations be registered, provided they have been domiciled in Britain for five years after becoming so registered.

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SECTION 3.

EXAMINATIONS.

1. The Professional Examinations are divided into three parts : a "Primary," "Intermediate," and "Final."

2. The Primary Examination shall be undergone after the second Winter Session, and the Intermediate after the third or fourth Winter Session, the Final after the fifth year.

3. The following branches shall be embraced in the Primary Examination :

- a. ANATOMY.
- b. PHYSIOLOGY AND HISTOLOGY.
- c. CHEMISTRY (Theoretical and Practical).
- d. MATERIA MEDICA AND PHARMACY.

4. Every Candidate for the Primary Examination will be required to present with his Lecture Tickets, a Certificate of having undergone and passed an Examination at the School he has attended at the close of his first Winter Session, on Primary Branches. Also a Certificate of ability to make and mount Microscopic Specimens.

5. Each Candidate for Final Examination must present a Certificate of attendance at six post mortem Examinations, and a Certificate of ability to draw up a report of a Post Mortem Examination; and a Certificate of having reported satisfactorily Six Cases of Clinical Medicine, and Six Cases of Clinical Surgery, and of having passed his Intermediate Examination. The Certificates to be signed by the Teachers referred to upon these subjects, or the Practitioner holding Post Mortem.

Also, all Candidates shall (except Arts Graduates) present a Certificate of having passed at the close of their third session in the College or School they may have attended, an examination in such parts of Medicine, Surgery, and Midwifery as may be thought advisable by the Faculties of the respective Colleges or Schools. This examination is not in any way to interfere with any of the examinations of the Council.

6. The following branches shall be embraced in the Intermediate Examination :

- a.* MEDICAL, SURGICAL AND TOPOGRAPHICAL ANATOMY.
- b.* PRINCIPLES AND PRACTICE OF MEDICINE.
- c.* GENERAL PATHOLOGY, THERAPEUTICS AND BACTERIOLOGY.
- d.* SURGERY, other than Operative.
- e.* SURGERY, Operative.
- f.* MIDWIFERY, other than Operative.
- g.* MIDWIFERY, Operative.
- h.* MEDICAL JURISPRUDENCE, INCLUDING TOXICOLOGY AND MENTAL DISEASES.
- i.* SANITARY SCIENCE.
- j.* DISEASES OF CHILDREN.
- k.* DISEASES OF WOMEN.
- l.* THERAPEUTICS.

7. The Primary and Intermediate Examinations shall be "Written" and "Oral." The Final "Oral" and "Clinical."

8. The following branches will be embraced in the Final Examination :

- a.* CLINICAL MEDICINE.
- b.* CLINICAL SURGERY (including Vaccination.)
- c.* DISEASES OF WOMEN.
- d.* DISEASES OF CHILDREN, MEDICAL AND SURGICAL.

9. Any candidate who makes 60 per cent. in three or more branches, but fails in the others, shall receive credit for the subjects so passed, and be compelled to pass in the other branches only at a subsequent Examination.

10. Candidates who intend to be examined by the Homœopathic Examiner in special subjects shall signify their intention to the Registrar at least two weeks previous to the commencement of the Examination, in order that he may provide means of preventing their identification with the other Students, or by the Examiners.

11. In the event of any candidate signifying his intention to the Registrar to be examined and registered as Homœopathic Practitioner, due notice of such must be submitted to the Registrar, so that the Examinations may be conducted by the parties appointed for that purpose ; prior to the acceptance of such notice from the candidate, the usual fees must be paid. In the event of any candidate presenting himself for such Examination, due notice must be given by the Registrar to the special Examiner.

12. The next Professional Examinations will be held in Toronto and Kingston on the second Tuesday in April, 1897.

SECTION 4.

FEES.

1. Fees after 1st of July, 1889 :

a. Registration of Matriculation .....	\$20 00
b. Primary Examination .....	30 00
c. Final Examination, including Registration.....	50 00

This is not to affect any Student who is registered as a Matriculant prior to 1st July, 1889.

2. All fees must be paid in lawful money of Canada, to the Treasurer of the College.

3. No candidate will be admitted to any examination until the fee for such examination is paid in full.

4. Candidates who have failed in any Professional Examination shall pay a fee of twenty dollars for each subsequent examination.

## EXAMINATION PAPERS.

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### JUNIOR ANATOMY.

*Examiner:* Dr. Campbell.

1. Give a dissection showing the coverings, floor and boundaries of the superior Carotid triangle of the neck.
2. In a transverse section of the leg four inches above the ankle joint, name the structures to be seen.
3. Give the dissection necessary to expose the Internal Pterygoid Muscle, the Obturator Internus Muscle and the Soleus.
4. Give the origin of the following:—Peroneus Brevis, Biceps Humerus, Biceps Femoris, Supinator Longus, Sterno Mastoid, Ligamentum Patellae.
5. Describe as fully as you can the upper one-fourth of the Humerus, naming the muscles attached to it.

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### JUNIOR PHYSIOLOGY.

*Examiner:* Dr. Knight.

1. What facts about the circulation of the blood can be learned by the use of an artificial scheme of the circulation?
2. How would you demonstrate the change of arterial blood into venous blood? How may blood crystals be prepared?
3. How may the respiratory centre be influenced so that the impulses it sends out may be modified in strength, character, or frequency?
4. Give the composition of saliva, and tell how you would demonstrate its action on foodstuffs?
5. How would you demonstrate the glycogenic function of the liver?
6. "The greater the amount of blood sent to the kidneys the greater the flow of urine." How has this been demonstrated?
7. (a) Define what is meant by *reflex action* and give instances of its occurrence in any animal.



(b) How would you demonstrate the “reaction time” for the sense of touch in man?

8. You are given two lenses of similar curvature, one a double convex, the other a plano-concave. Explain, by the use of diagrams, how you would demonstrate their action, and then tell when and why you would use similar lenses to correct defects of vision.

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#### BIOLOGY.

1. Define the following terms:—*female pronucleus*, *cytoplasm* (*hyaloplasm*), *endoplasm*, *gastrula*.

2. What are the general characters of epithelial tissue? What are its varieties, and tell where they are found in the mammalian body.

3. Describe some nematode worms parasitic in man. Sketch the life history of *anchylostomum duodenalis*.

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#### JUNIOR CHEMISTRY.

##### (MEDICAL )

1. (a) Write the equation for the preparation of chlorine from manganese dioxide, common salt, and sulphuric acid. (b) Translate the equation into words. (c) Make a drawing of the apparatus to be used for collecting a sample of the gas.

2. Define *chemical species* and give six common examples.

3. Compare the action of dilute sulphuric, dilute nitric, and strong hot sulphuric acids on zinc.

4. (a) What is a chemical test? (b) Describe minutely the test for a nitrate.

5. Calculate the formula of a compound of carbon, 27.27 per cent. and oxygen 72.73 per cent.

6. Outline the chemistry of boron.

7. (a) From what substances is phosphorus made?

(b) Write a brief description of its manufacture.

8. (a) From what facts can it be inferred that oxidation processes are constantly going on in the body of a living animal? (b) What are the chief products?

JUNIOR MATERIA MEDICA.

*Examiner:* Dr. Herald.

1. Define the following terms:—Inunction, Hypodermatic, Medication, Pharmaco-dynamics, Empirical Therapeutics, Rational Therapeutics.
2. What do you understand by (a) Daily Dose, (b) Individual Dose? What relationship do they bear to each other?
3. What is the meaning of (a) Chemical Incompatibility, (b) Physiological Incompatibility? Illustrate your answer by examples.
4. How do Emetics Act? For what purposes are they employed?
5. What is an Emmenagogue? Into what groups may they be divided? Give examples.
6. Describe the Physiological action of Calumba. How does it differ from Gentian?

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ANATOMY.

*Examiner:* Dr. Ryan.

1. Describe the body of the Sphenoid bone.
2. Outline the external surface of a Cerebral Hemisphere, shewing the important lobes, fissures, convolutions, &c.
3. Trace the course and give the relations of the Thoracic Duct, Vena Azygos Major, and Spermatic Artery.
4. Describe the Spleen, giving its relations.
5. Give the relations of the Trachea.

HONOURS.

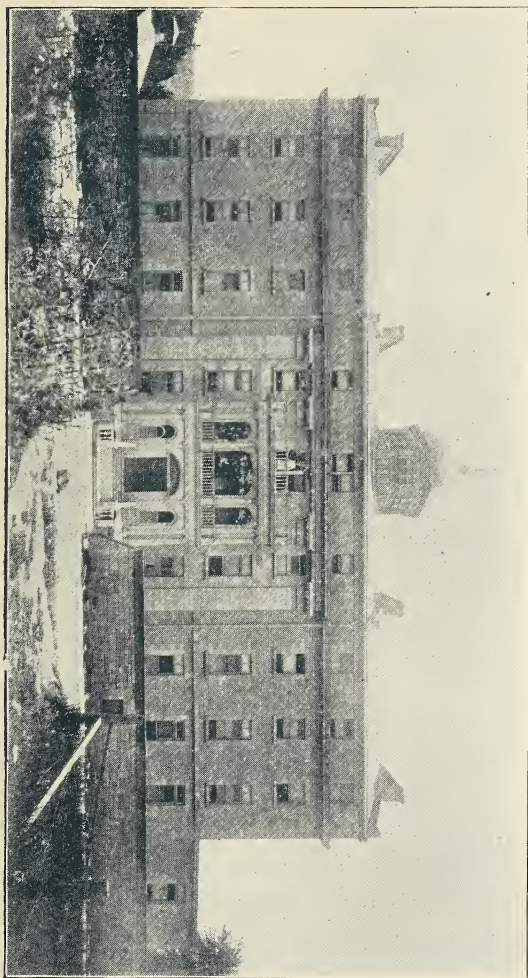
1. Give the dissection necessary to shew the boundaries, floor and coverings of a Lateral Ventricle.
2. Describe the Rectum, giving its relations, nerve and blood supply.

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SENIOR PHYSIOLOGY.

*Examiner:* Dr. Cunningham.

1. What is the pulse? How recorded? Illustrate and describe main features of such a record. . . . . 15
2. What are the chemical characteristics of pancreatic



HOTEL DIEU HOSPITAL.



juice? Its action on food stuffs, and how does its action compare with that of gastric juice? .. .. . 10

3. Describe the mechanics of pulmonary respiration. How are the phenomena recorded?.. .. . 15

4. Write full notes on (1) Urea. (2) Secretion of urine. 15

5. Write notes on food, its sources, uses, estimation of amount required, &c. .. .. . 10

6. Trace motor impulses and sensory impressions between periphery and cortex of brain. .. .. . 15

7. How do you prove that the eye accommodates itself for near and far objects? What is "far point," "near point," "presbyopia"?.. .. . 10

8. Describe general relations of the parts of the ear and general use of the several parts. .. .. . 10

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#### HONOURS.

1. Write notes on relation of visual sensation to intensity of stimulus and its duration. Explain after-images.

2. Explain how the intrinsic muscles of the larynx modify the general characters of the voice.

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#### HISTOLOGY AND EMBRYOLOGY.

1. Describe the structure of a lymphatic gland, and tell how you would distinguish a section of it from one of the spleen.

2. Describe a transverse section through the middle region of a chick, at the end of the third day of incubation.

3. How would you distinguish :

(a) a transverse section of ureter from one of bladder.

(b) a transverse section of stomach from one of the large intestine.

(c) a vertical section of cerebrum from one of cerebellum.

(d) a transverse section of the retina from one of half of the suprarenal.

#### PRACTICAL.

Draw, describe, and identify the sections submitted.



SENIOR MATERIA MEDICA, PHARMACY AND THERAPEUTICS.

*Examiner*: Dr. Herald.

1. Define alkaloid, glucoside. Give examples.
2. Define astringent, epispastic, escharotic. Give examples.  
Give the composition of styptic collodion, Vienna paste.
3. What is Fowler's Solution? Describe its physiological and give its main therapeutic uses.
4. Write a prescription for a heart tonic and describe briefly the physiological action of each ingredient.
5. Criticize the following prescription for "Dropsy."

R.

Pot. Iodidi, drachm 1.

Spt. Ætheris Nitrosi, ounce 1.

Liq. Strychninæ, drachm 1.

Syr. Aurantii, ounce 1.

Aq. ad., ounces 8.

Sig. A dessert spoonful every four hours.

6. Classify and give the doses of the following:  
Sulphate of Copper.  
Tincture of the Chloride of Iron.  
Phenacetine.  
Caffeine.  
Tincture of Strophanthus.  
Elatarium.

HONOURS.

1. Describe the action of Quinine in Malaria. Give directions for its administration.
2. What is an antipyretic? How do they act?
3. What is a Hypnotic? Compare Opium, Chloral Hydrate and Sulphonal as Hypnotics.

SENIOR CHEMISTRY.

*Examiner:* Dr. Goodwin.

1. Copper is dissolved in dilute nitric acid. To the solution sulphuretted hydrogen is added. Write equations and name the products of these reactions.

2. Stannous chloride is added gradually to solution of mercuric chloride. Describe the changes which take place, and write equations for them.

3. (a) Give an outline of the chemistry of arsenic. (b) Write the formula of the substance formed when arsenic trisulphide is dissolved in ammonium sulphide solution.

4. (a) How is zinc chloride made? (b) What are its properties? (c) What substance is formed when it is mixed with water and zinc oxide?

5. (a) Calculate the theoretical gas density of ammonium chloride from its formula. (b) What do you infer from the fact that its observed gas density is only half the theoretical?

6. Write the equations for the reactions in the preparation of aniline from benzene.

7. (a) How may urea be prepared? (b) Explain fully the chemical reactions by which urine becomes alkaline when there is inflammation in the urinary tract.

8. Write equations showing the preparation from ethane of (a) ethyl chloride, (b) ethyl alcohol, (c) sulphuric ether, (d) chloroform, and (e) chloral hydrate.

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JUNIOR PRACTICE OF MEDICINE.

*Examiner:* Dr. Fowler.

1. Define Lysis, Hypertrophy, Endemic, Sporadic, Ataxic, Hyper-pyrexia, Leukæmia, Isckæmia.

2. Diagnose diphtheria from follicular tonsilitis.

3. How would you determine
  - (1) the digestive power,
  - (2) the absorptive power,
  - (3) the motor power of the stomach.
4. Diagnose pleurisy from pneumonia, or as an alternative  
Diagnose Capillary Bronchitis in a child.

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### JUNIOR SURGERY.

1. Describe the appearance of a healthy, healing ulcer. . .	15
2. Symptoms, diagnosis and treatment of Erysipelas. . .	30
3. Boundaries of the Ischio Rectal Fossa... . . . .	20
4. Treatment of a simple fracture of both bones of the fore- arm near middle. . . . .	35
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### JUNIOR OBSTETRICS, GYNÆCOLOGY AND INFANTILE DISEASES.

*Examiner:* Dr. Garrett.

1. What is meant by the oblique and conjugate diameters of the superior strait of the pelvis? Give the size of the occipito- frontal and bi-parietal diameters of the foetal head. . . . .	20
2. Describe briefly the mechanism of labor in a vertex presentation, left occipito-anterior... . . . .	30
3. Describe the management of the third stage of labor. Name only the complications that may arise during that stage. . .	30
4. Mention the commonest varieties of intestinal worms found in the intestines of infants and the localities of each . . .	20
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### HONOURS.

1. What is uterine inertia? Enumerate the dangers in the  
second and third stages of labor.

2. What is intestinal intissusception? Name its causes, mode of production and methods for relief.

3. What is the appearance of the skin, tongue and throat in Scarlatina Anginosa on the third day?

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PATHOLOGY.

*Examiner:* Dr. W. T. Connell.

N.B.—Five questions constitute a full paper, of which the first three must form part. Any two of the last three may be written upon.

1. Describe fully healing by the second intention in a wound involving the skin surface... .. 15  
     How do wounds heal under a scab? .. .. 5
2. What are the characters that constitute malignancy in a Tumor? .. .. 6  
     Classify Carcinoma according to cell type. Give the common seats and the naked eye appearances that may be met with in Squamous celled Carcinoma (Epithelioma), 6  
     8
3. Describe the gross and microscopic appearances of Kidney in Chronic Interstitial Nephritis or Cirrhosis of the Kidney. .. .. 10  
     10
4. In Lobar Pneumonia, Red Hepatization, describe the naked eye appearances of the affected Lobe, on surface and on cut section... .. 12  
     What are the microscopic features of this stage?.. .. 6  
     What micro-organism is the usual casual agent of Lobar Pneumonia? .. .. 2
5. Where do we find the usual initial seat of ordinary Cerebral Hæmorrhage (apoplexy)?.. .. 4  
     What lesions within the cranium may be found as the cause, and what as result of the Hæmorrhage? .. .. 12  
     What lesions of other organs do we usually find in such cases of Cerebral Hæmorrhage? .. .. 4
6. Give the varieties and describe the lesions,—the parts particularly attacked and the possible termination of Acute Endocarditis. .. .. 20

JURISPRUDENCE.

*Examiner :* Dr. Campbell.

1. (a) Classify Irritant poisons, giving examples. (b) What are the symptoms and treatment of arsenical poisoning? .. .. 25
2. The dead body of a child is found under suspicious circumstances. (a) Give duties of the Coroner. (b) Give duties of the Medical Examiner. (c) What evidence would lead to the verdict of infanticide? .. .. 25
3. You are asked to examine a patient supposed to be insane. What symptoms would lead you to diagnose dementia? 25
4. Write short notes upon Delusions, General Paresis of the Insane, Cretinism, Monomania. .. .. 25

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SENIOR PRACTICE OF MEDICINE.

*Examiner :* Dr. Fowler.

1. Mention the modes by which undue exaltation of vital action, occurring in a tissue or organ, may be propagated.
2. Give shortly the physical signs of mitral regurgitation ; how do they differ from those of aortic obstruction?
3. Give the physical signs when tubercles are developed in apex of right lung, before softening has taken place.
4. How would you distinguish Ptosis, which is of local origin, from that which depends on a lesion within the cranium?
5. What do you understand by Myxædema and Addison's disease? Give, in a few words, the modern treatment of these affections.
6. What is the cause of ascending Nephritis? How does it prove fatal? Mention some of the causes of the descending form ; at what period of life is it most fatal and how?

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PRINCIPLES AND PRACTICE OF SURGERY.

*Examiner :* Dr. Sullivan.

1. When a dislocation of the shoulder remains unreduced, what changes take place in the cavity and new position of the bone? .. .. 20
2. Describe the mode of repair of simple fracture of a long bone. .. .. 20



3. Give the formation of traumatic Aneurism, modes of treatment and their relative value. . . . .	15
4. Contrast Symes' and Pirogoff's operation. . . . .	15
5. Give causes, general site and symptoms of laceration of the Brain. . . . .	20
6. Give mode of occurrence and treatment of dislocation of the hip on dorsum Ilii. . . . .	10
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SENIOR OBSTETRICS, GYNÆCOLOGY AND INFANTILE DISEASES.

*Examiner:* Dr. Garrett.

1. Name the signs of pregnancy, and state briefly the value of each in making a diagnosis. . . . .	20
2. Give the symptoms of threatened abortion. What symptoms would lead you to consider that abortion was inevitable, and how would you manage such a case? . . . . .	25
3. What is meant by podalic version? Give the indications for the operation. Describe the bi-polar (Braxton-Hicks') method. . . . .	20
4. Describe the pathological changes in the cervical endometrium by which (i) simple erosion, (ii) papillary erosion, (iii) cystic degeneration in the cervix are produced. . . . .	20
5. Name some of the common causes of infantile convulsions . . . . .	15
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HONOURS.

1. Give the symptoms of retroversion of the uterus obtained by physical examination. Name two operations which have been devised for its permanent relief, briefly outlining the principal steps in each operation.
2. Describe briefly the three varieties of spina bifida commonly recognized. What would the prognosis be in each case?

MEDICAL AND SURGICAL ANATOMY.

*Examiner:* Dr. Mundell.

1. Describe displacement in fracture of arm immediately below insertion of Deltoid. . . . .	20
2. Position assumed by forearm in paralysis of Musculo Spiral nerve. . . . .	15
3. Aneurism posterior surface, transverse part of arch of Aorta. What structures are pressed on? . . . . .	20
4. Ligation Femoral in Hunter's Canal. Give collateral Circulation . . . . .	15
5. Lines of incision Stephen Smith's Amputation at knee joint?.. . . .	15
6. Position of Spleen with reference to Vertebral Column and Axiliary lines. . . . .	15

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SANITARY SCIENCE.

*Examiner:* Dr. Wood.

Time—2 hours.

1. Explain the terms—Relative Humidity, Allumenoid Ammonia, Natural Ventilation, Ground Air.
2. Enumerate the diseases which may be traceable to impure milk, and discuss the sources of contamination of milk.
3. A sample of water, supposed to contain organic matter, is given you for analysis. How would you proceed to determine the nature and degree of impurity?
4. You are called upon to attend a case of diphtheria ; write out full instructions for the nurse in charge, with regard to disinfection, before and after the death of a patient.



FENWICK OPERATING THEATRE.



## MEDICAL EXAMINATIONS, 1896.

### PASSED FOR M.D. AND C.M.

Boyle, J. A., B.A.	Gananoque.
Campbell, P.M., B.A.	Admaston.
Downing, J. J., B.A.	Kingston.
Embury, A.	Belleville.
Gibson, J. C., M.A.	Kingston.
Gillespie, H. N.	Barriefield.
Hudson, C. H.	Belleville.
Irvine, W. H., B.A.	Kingston.
Irwin, A. W.	Kingston.
Lyle, W. D.	Morrisburg.
Metcalf, A. A.	Almonte.
Mooney, T. F.	Kingston.
Murray, H. G.	Kingston.
McDonald, J. F.	Kingston.
McPherson, C.	Prescott.
Teepell, E. W.	Watertown, N.Y.
Webster, B. E.	Kingston.

### UNIVERSITY MEDALS.

Murray, H. G.	Kingston.
Campbell, P. M., B.A.	Admaston.

The prize in Gynæcology, being a complete course of six weeks at the New York Post-Graduate School, kindly given by that Institution, was won by Mr. H. G. Murray.

### HOUSE SURGEONS.

Dyde, C. B., B.A.	Kingston.
Boyle, J. A., B.A.	Gananoque,
Barber, V.	Toronto.
Mylks, G. W.	Glenmore.

Prize of \$25 awarded for the best examination in Anatomy, Physiology and Materia Medica, to T. A. Grange, Newburgh.



## LIST OF GRADUATES.

### M.D.

1855.

Chambers, Daniel.....	Deceased.
Douglas, W. Robert.....	Deceased.
Dunbar, Samuel.....	Deceased.
Herriman, Weston Leroy.....	Lindsay.
Hiller, William.....	Deceased.
Mercer John G.....	Deceased.
Scott, Wm. S.....	Southampton.
Spafford, H. W.....	Deceased.
MacKellar, Dugald.....	Deceased.

1856.

Brown, Marshall J.....	Kingston.
Campbell, John H.....	Deceased.
Corbett, George H.....	Orillia.
Franklin, Benjamin.....	Port Burwell.
Yates, Octavius.....	Deceased.

1857.

Bell, James M.....	Deceased.
Bowers, Samuel S.....	Fond du Lac, Wis.
Chisholm, H. F.....	Deceased.
Crawford, Joseph.....	Arnprior.
Joy, Sylvanus.....	Tilsonburg.
Laidlaw, Alex. R.....	Deceased.
Lawlor, Michael.....	Deceased.
Macdonald, Alex. R.....	Brighton.
Pereault, Julien.....	San Francisco, Cal.
Thibodo, Oliver.....	Arizona.

1858.

Benson, John R.....	Deceased.
Bethune, Alexander.....	Strathroy.
Davis, R. H.....	York, Grand River.
Evans, Henry.....	Deceased.
Elmer, William H.....	Spokane Falls, Wash.
Hackett, Joseph.....	Deceased.
Henderson, Donald.....	Winnipeg, Man.
Mostyn, William.....	Deceased.
Smith, George.....	Deceased.
Sweetland, John.....	Ottawa.
Sullivan, Michael.....	Kingston.

1859.

Bird, Francis W.....	Deceased.
Boyle, Arthur A.....	Toronto.
Campbell, George.....	
Cluness, William R., B.A.....	San Francisco.
Day, H. W.....	Belleville.
Ferguson, Charles F.....	Kemptville.
Foster, Robert J.....	Deceased.
Henderson, William.....	Deceased.
Lambert, Robert.....	Windsor.
Morden, John H.....	Deceased.
McLean, Caird R., M.R.C.S.....	Meaford.
Sparham, George S.....	Kemptville.

**1860.**

Bird, Nelson J.....	San Francisco.
Chanonhouse, Thomas.....	Deceased.
Cranston, James G.....	Arnprior.
Dupuis, Thomas R., M.R.C.S. 1881.....	Deceased.
Giles, John G.....	Brockville.
Horsey, Edward H.....	Deceased.
McKenzie, Edward.....	Smith's Falls.
Roche, William P.....	Deceased.
Rose, George S.....	Deceased.
Spooner, George D.....	Deceased.
Trousdale, James C.....	Deceased.

**1861.**

Anderson, William J.....	Winchester Springs.
Blakely, Robert.....	Deceased.
Cogan, Jeremiah R.....	Deceased.
Corry Robert.....	Deceased.
Deans, William C.....	Deceased.
Dunlop, Neil.....	Sydenham.
Farrell, John T.....	Deceased.
Fraser, John M., B.A., M.R.C.S., 1864.....	Deceased.
Kelly, David.....	Deceased.
Kelly, Edward J.....	Deceased.
Kemp, J. A.....	Deceased.
O'Reilly, Anthony.....	Deceased.
Parker, Robert.....	Stirling.
Ramsay, Robert.....	Deceased.
Taylor, William E.....	Brisbane.
Thirkell, William G.....	Sodus, N.Y.
Weir, William.....	Deceased.

**1862.**

Black, William A.....	Deceased.
Branigan, P. R.....	Deceased.
Chamberlain, Theodore F.....	Toronto.
Day, B. W.....	San Diego.
Fee, S. H.....	Kingston.
Harrison, Thomas S.....	Selkirk.
Hamilton, David.....	Batavia, N.Y.
Johnston, Absalom H. J.....	Lockport, N.Y.
Kellock, J. D.....	Perth.
Meadows, R. W.....	H.M. Service.
McKenzie, Andrew.....	Deceased.
Macdonald, J. A.....	Port Arthur.
Macpherson, Alexander.....	Deceased.
Reily, Adrian.....	Welland.
Skinner, Henry.....	Deceased.
Spencer, Henry.....	Deceased.
Switzer, Wilson Henry.....	Deceased.
Thibodo, Robert.....	Deceased.
Tracy, Robert.....	Belleville.
Young, Daniel.....	Conway.

**1863.**

Aylesworth, Arch R.....	Deceased.
Beckett, James.....	Deceased.
Bray, John L.....	Chatham.
Chanonhouse, John.....	Eganville.
Coleman, William F.....	163 State St., Chicago
Dickson, John R.....	Deceased.

Elwell, W. D.	Deceased.
Ferguson, Ed. G.	Macon, Georgia.
Ferguson, R. B.	Deceased.
Howells, Thomas B.	Deceased.
Ingersoll, Isaac F.	Deceased.
Irwin, Chamberlain A.	Deceased.
Kennedy, R., L.R.C.S., Edin., 1843, M. D. Univ. S. Andrew	Bath.

1843	
Kincaid, Robert.	Olympia, Wash.
Lavell, Michael.	Kingston.
Litchfield, J. P.	Deceased.
Moore, Andrew	Deceased.
McCammon, James.	Deceased.
McLean, Thomas F.	Goderich.
Nichol, James.	Deceased.
Oliver, Alfred S.	Kingston.
Ross, Thos. K.	Fredonia, N. Y.
Rutran, Joseph B.	Wellington.
Shirley, Joseph W.	Watford.
Smith, John R.	Deceased.
Sullivan, Thomas	Deceased.
Watson, Chas. V.	Wellington.
Wilson, John R.	Deceased.
Yates, Horatio.	Deceased.
Yeomans, Horace P.	Belleville.

1864.

Bingham, Hugh.	Deceased.
Comer, A. T.	New York City.
Davidson, Myers	Deceased.
Dunn, Andrew T.	North Augusta.
Fenwick, T. M.	Kingston.
Fox, Edward C.	Deceased.
Gleeson, James	Deceased.
Grasse, Sidney D.	Deceased.
Hoare, Walter W.	Strathroy.
Milliner, W. S.	Oswego.
McIntyre, Duncan	Glencoe.
Preston, Robert H.	Newboro.
Searls, Abraham W.	Deceased.
Taylor, James.	Tara.
Thornton, William M.	Deceased.
Wartman, Philander.	Deceased.

1865.

Agnew, John.	Deceased.
Bell, Alexander.	Lakefield.
Bigham, John.	Deceased.
Bowen, Robert.	H. M. Service.
Deans, George.	Trenton.
Heggie, David.	Brampton.
Horsey, Alfred.	Ottawa.
Kertland, Edwin H.	Toronto.
Massie, John.	Deceased.
Morden, James B.	Picton.
McLaren, Alexander.	Lancaster.
Neish, James.	Kingston, Jamaica.
Reeve, Richard A.	Toronto.
Tracy, Thomas B.	Deceased.
Weeks, W. J.	Ottawa.

1866.

Armstrong, Alfred.....	Deceased.
Beattie, William.....	
Bell, John.....	Deceased.
Darragh, R. J.....	Cataraqui.
Jones, Henry M.....	Marmora.
Kahkewaquonoby.....	Toronto.
Lake, Charles B.....	Ridgetown.
Mark, Robert.....	Ottawa.
Newton, John.....	Deseronto.
Price, Robinson B.....	Kingston.
Somerville, James A.....	Marionette, Wis.

1867.

Armstrong, Albert.....	Arnprior.
Campbell, Joseph.....	Ontario, N. Y.
Dugdale, John J.....	Deceased.
Howell, George W.....	Tweed.
Meagher, Daniel.....	Montreal.
Munro, John C.....	South Finch.
Monro, David.....	Perth.
Paterson, James R.....	Port Elgin.
Valleau, George Z.....	
Wafer, Francis M.....	Deceased.
Walker, Allen H.....	Toronto.

1868.

Abbott, Samuel A.....	Deceased.
Bingham, James.....	Peterboro.
Booth, Donald B.....	Deceased.
Bleasdel, Charles E.....	Deceased.
Clark, James.....	Bay City, Mich.
Corbett, Henry T.....	Deceased.
Dickson, John R.....	Deceased.
Erly, Francis W. J.....	Deceased.
Johnstone, David.....	Deceased.
Nesbitt, Edward.....	Deceased.
Oliver, John K.....	Deceased.
O'Sullivan, John.....	Deceased.
Rockwell, Albert.....	West Duluth, Minn.
Saunders, Lawrence.....	Deceased.

1869.

Alexander, James A.....	Deceased.
Alway, Enoch.....	Binbrook.
Bethune, Henry T.....	Clanbrassie.
Bice, Mark.....	Arva.
File, Albert.....	Ameliasburg.
Fraser, Anson S.....	Sarnia.
Harvey, Albert E.....	Wyoming.
Hendry, George.....	Deceased.
Hillier, Solomon C.....	Bowmanville.
Leavitt, Arven S.....	Toronto.
Mann, James.....	Renfrew.
Purdy, Chas W.....	163 State St., Chicago
Saunders, Herbert J., M.R.C.S., 1870.....	Deceased.
Spooner, Hiram S.....	Deceased.
Stewart, Alex. J.....	Orillia.
Stowell, Olmsby.....	Orillia.
Vanvlack, Gilbert J.....	Deceased.
Wilson, Charles J. C.....	Montreal.

1870.

Bridgland, Samuel.....	Bracebridge.
Dumble, W. C.....	Toronto.
Hodge, George.....	London.
Matheson, Murdock.....	Waverly, N.S. Wales.
Moore, Vincent H.....	Brockville.
Potter, Levi.....	Enniskillen.
Rutherford, James.....	Orono.
Sayers, Alexander.....	Niagara Falls, N. Y.
Sievewright, James A.....	Deceased.
Thornton, Thomas.....	Consecon.

1871.

Bernard, Gerald.....	Newcastle-on-Tyne, E.
Chaffey, Ellwrath, L.R.C.P., Edin., 1872, L.R.C.S., Edin., 1872.....	Santa Monica.
Day, W. D. P. W.....	Deceased.
Fairbairn, Alexander C.....	Minneapolis.
Gillies, Neil.....	Winnipeg.
Gunsolus, Kenneth.....	Detroit, Mich.
Higginbotham, William.....	Brantford.
Houston, William R.....	Chatham.
Kidd, Enward, L.R.C.P., Edin., 1876, Lic. Mid., 1876.....	Picton.
Lafferty, James.....	Vernon, B.C.
Van Allen, John R.....	Denver.
Young, David.....	Lower Fort Garry.

1872.

Brien, James.....	Essex Centre.
Clark, John.....	Peterboro.
Gerin, John.....	Auburn, N. Y.
Rockwell, Ashbel S.....	Rochester, N. Y.
Rourke, Francis.....	Dublin, Ont.

1873.

David, Alfred.....	Atlantic Mines, Mich.
Kennedy, Jacob B.....	N. S. Wales.
Lavell, Chas. H.....	Deceased.
McLennan, Alexander S.....	277 S. Halstead St., Chicago.
McAdam, S. T.....	Battleford.
McMahon, James.....	Texarkana, Texas.
Purdy, Alvanly.....	Grand Falls, Montana.
Spear, Hugh.....	Toronto.
Walkem, W. W.....	Nanaimo, B. C.

1874.

Claxton, William.....	Verona.
Fenwick, Kenneth N., M.R.S.C., 1875.....	Deceased.
Ford, Herbert Douglas.....	Chicago.
Gibson, Andrew M.....	Deceased.
Jones, John.....	Kemptville.
Lane, Joseph W.....	Mallorytown.
McLean, Solomon C.....	Spencerville.

1875.

Betts, Alfred H.....	Deceased.
Carscallen, Allen B.....	Enterprise.
Deynard, Adelbert.....	Manhattan Eye & Ear, N.Y.
Dingman, W. E.....	Listowel.
Dowsley, David H., M.R.C.S., 1878.....	Kingston.
Masson, Thomas.....	Cape Vincent.
Potter, Samuel.....	Deceased.
Preston, Richard.....	Carleton Place.
Tuttle, Leslie.....	Tweed.



1876.

Case, George H.	Deceased.
Davis, Ransom A.	Easton's Corners.
Kennedy, Alexander	Port Arthur.
Murphy, John Bernard.	Brockville.
Potter, Thomas.	Ottawa.
Yourex, John McGill.	Lonsdale.

1877.

Bowen, George	Gananoque.
Day, Jonathan	Deceased.
Dowsley, George C.	Gore Bay.
Dumble, Thomas H.	Deceased.
Higgins, Edward M.	Hot Springs, Ark.
Holmes, F. S. Leroy	Kemptville.
Hourigan, Andrew R	Peterboro.
Hubbs, H. A. M.	Bay City, Mich.
Miller, Lindsay F.	Toronto.
McNichol, Eugene E.	Cobourg.
Phelan, Daniel.	Kingston.
Scovill, Simmons.	Rat Portage, Keewat'n.

1878.

Beeman, Thomas W.	Bancroft.
Bennett, Henry	Sullivan.
Clinton, George	Belleville.
Craig, Hugh A.	Cobourg.
Evans, Henry	Deceased.
Hossie, Thomas R	Gouverneur, N. Y.
Kennedy, William R.	Guelph.
Kidd, Peter E	Brooklyn, N. Y.
Lewis, Frederick.	Orangeville.
Lynch, Dennis P.	Almonte.
MacArthur, James	London.

1879.

Abbott, Rodney H.	Kingston.
Clark, William.	
Cleaver, J. C. C	Montserrat, Trinidad.
Cleaver, William T.	Wigan, Eng.
Donovan, P. C.	Langdon, N.D.
Henderson, W. H., M.R.C.S., 1880	Deceased.
Horton, Robert N., L.R.C.P.S., Edin., 1886, Lic. Mid., 1886, Lic. Fac. P. S., Glasgow, 1886	Brockville.
Judson, George W.	Lyn.
Kilborn, Roland.	Kingston.
Lafferty, William A.	Deceased.
Leonard, Raymond	Napanee.
McCammon, James A.	Gananoque.
McCullough, William S.	Deceased.
Newlands, George.	Seattle.
Ward, George C. Tremaine.	Napanee.

1880.

Chown, Henry H.	Winnipeg.
Clark, J. G.	Meaford.
Day, Lewis F.	Deceased.
Dickson, Charles R.	Toronto.
Empey, Charles T.	Cross Hills, Leeds, Eng.
Galbraith, John E.	Deceased.
Knight, John H	Wallaceburg.
McFadden, Murdock.	Mount Forrest.

Odium, John.....	Woodstock.
Reeve, Henry H.....	Leeds.
Waddell, W. H.....	North Augusta.
Wilson, Thomas .....	Tara.

1881.

Alexander, F. R.....	Deceased.
Betts, J. Howard, M.R.C.S., 1883 .....	Deceased.
Coughlin, Richard .....	Hastings.
Gibson, W. J.....	Belleville.
Harrington, A. W .....	Deceased.
Jamieson, John.....	Deceased.
Johnston, D. A .....	Deceased.
Lavell, William A.....	Deceased.
McConnell, B. J.....	Morden, Man.
McGurn, J. S.....	Deceased.
Oldham, Edward.....	Chatsworth.
O'Shea, James.....	Deceased.
Reid, W. D.....	Barre, Vt.
Rogers, D. H.....	Gananoque.
Snider, S. H.....	
Symington, T. J .....	Camlachie.
Wallace, David.....	Metcalfe.

1882.

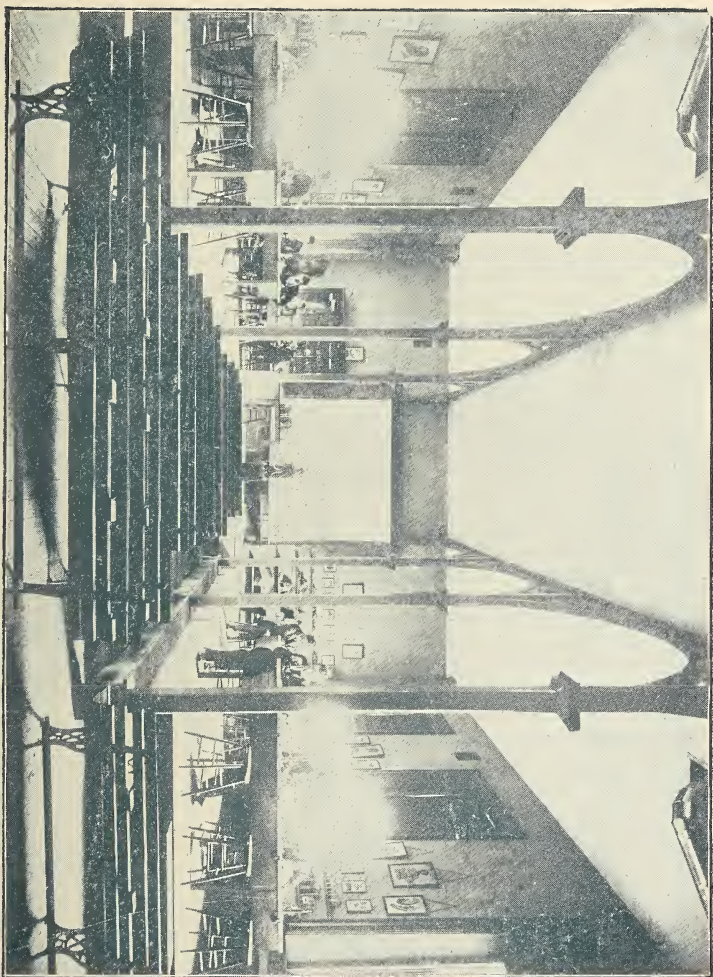
Anglin, R. S.....	Omaha.
Cameron, A. D.....	Deceased.
Cornell, A. P.....	Brockville.
Coutlee, H. N.....	Sharbot Lake.
Denike, G. M.....	Fulton, N. Y.
Dupuis, J. M.....	Philadelphia, Penn.
Garrett, R. W.....	Kingston.
Jarvis, Charles E.....	London.
Knox, Henry.....	Shawville, Que.
Koyle, F. T.....	Ada, Man.
Macdonald, Hugh N.....	Lake Ainslie, C. B.
Mordy, D. N.....	Ashton.
Reeve, John L.....	Clinton.
Rutherford, D B.....	California.
Stewart, J. M.....	Chesley.

1883.

Anglin, W. G., M.R.C.S., 1884.....	Kingston.
Clancy, Charles C.....	Port Huron.
Cryan, John.....	Demorestville.
Davis, L. T.....	Napaimo, B.C.,
Froiland, Herman M., L.R.C.P., Edin., 1885, Lic. Mid.....	Deceased.
Kidd, John F.....	Ottawa.
Hickey, Daniel C.....	Kingston.
McGhie, George S.....	Elgin.
McMurchy, A.....	North Bay.
Moore, Thomas A .....	Westville, N.S.
Page, Thomas A.....	Brockville
Smith, R. G.....	Oakland, N.Y.
Young, W. J.....	Deceased.

1884.

Bullis, W. H.....	Rochester, N. Y.
Cartwright, R. C.....	Rochester, N. Y.
Cumberland, Thomas.....	Deceased.
Duff, H. Ramsay.....	Kingston.
Emery, H. J.....	Crosswell, Sanilac Co., Mich.
Forrester, Edgar, L.R.C.P., Edin., 1884.....	Brockville.



PATHOLOGICAL AND PHYSIOLOGICAL MUSEUM.



Forin, A. W.	West Duluth, Minn.
Fraser, R. N.	Thamesville.
Foxton, E.	Bond Head.
Herald, John	Kingston.
Mackie D. H.	Belleville.
McCammon, C. Gordon	Deceased.
Stirling, J. G.	Hamilton, Bermuda.
Webster, W. J.	White Lake, Aurora Co., Dak.
Williams, Herbert S	Mount Vernon, Dak.

1885.

Bertram, T. A., L.R.C.S.I., 1886.	Dundas.
Clark, C. W. D.	Tamworth.
Cunningham, Harry C.	Carman, Man.
Dawson, Henry	Cape Vincent, N.Y.
Dwyre, Andrew	Westport.
Ford, H. B.	Moorwood.
Hooper, E., Lic. Soc., Apoth, 1886.	Toronto.
Kyle, William A.	Lanark.
Patterson, Richard L.	Buffalo.
Roy, Henry	Chisholm.
Russell, D. H.	Mankato, Minn.
Spankie, William	Wolfe Island.
Stirling, James A.	Kingston.

1886.

Beeman, W. C	South Casselwan.
Bruce, F.	New Lothrop, Mich.
Burdett, H. E.	Minneapolis.
Casselman, J	
Collins, C.	Deceased.
Conerty, J. M.	Smith's Falls.
Cornell, S. S.	Athens.
Coy, W., M.R.C.S., 1887.	674 N. Wells St., Chicago.
Creeggan, J. G.	Lyndhurst.
Dame, A. A.	Toronto.
Dixon, M. L.	Frankville.
Donovan, E. I.	Neché, North Dakota
Foley, D.E.	Westport.
Galligan, T. G.	Renfrew.
Hamilton, J. A.	Deceased.
Hanna, J. E.	Perth.
Heath, F.	Brantford.
Jack, J. G.	Avon Park, Florida.
Jamieson, A.	North Gower.
Lane, I. J.	North Williamsburg.
McCardell, E. J.	Wangaratta, V. N.S.W.
McLaughlin, E.	Morrisburg.
McVety, A.	Toledo, Ohio.
Mather, W. M.	Tweed.
Mellow, S. J.	Port Perry.
Mundell, D. E.	Kingston.
Mundell, John.	Kingston.
Nimmo, J. H.	Brockville.
Pitblado, C.	
Shaw, J. M.	Lansdowne.
Smith, F. B.	Watertown, N. Y.
Storms, D. G.	Hamilton.
Watts, E. J.	Moose Creek.
Wright, E. W.	Brooklyn, N. Y.
White, A. N.	Ogdensburg.



1887.

Allen, A. G.	Deadwood, S. Dak.
Anderson, J. J.	Winchester Springs.
Anglin, J. V.	Montreal, Que.
Beeman, T. A.	Centreville.
Begg, J.	Dalhousie.
Cameron, Dan.	Deceased.
Dunlop, J. D.	Alpena, Mich.
Everett, A. J.	Deceased.
Ferguson, A. G.	Dalhousie, N. B.
Fisher, A. J.	Brigden.
Freeman, A. E.	Inverary.
Gallagher, M.	Campbellford.
Gibson, A. E.	Oakland, Ohio.
Hart, J. F.	Athens.
Hart, W. M.	Prescott.
Hay, William.	Antwerp, N. Y.
Heslop, J. E.	Port Dover.
James, M.	Mattawa.
McEwen, Ewen.	Singhampton.
Mabee, J. E.	Odessa.
Mabee, M.	Riverside, Cal.
Neish, W. D.	Kingston, Jamaica.
Pirie, Alex. F.	Cartago.
Rainstead, H.	Ottawa.
Scales, Thomas.	Deceased.
Thorne, S. H.	Bobcaygeon.
Warner, A. F.	Napanee.

1888.

Baker, T. C.	Windsor.
Chamberlain, W. P.	Morrisburg.
Connell, J. C.	Kingston.
Cooke, W. H.	Minneapolis.
Downing, W. H.	Deceased.
Fraser, J. B.	Toronto.
Gillis, J. B.	Bass River, N. S.
Horsey, E. H.	Yokohama, Japan.
Jamieson, D.	Osnabruck Centre.
Jamieson, T. J.	Kars.
Koyle, F. H.	Brockville.
Livingston, J. S.	Deceased.
Mabee, C. G.	New Providence, Iowa.
Mallory, C. N.	Delta, Leeds.
Maxwell, W. J.	Castle Rock, Colorado
McCammon, S. A.	
McGillivray, T. S.	Hamilton.
McGrath, E.	Peterborough.
O'Neil, T.	Deceased.
Pratt, W. F.	Brudenel, Ont.
Pratt, Wilton.	Carleton Place.
Robertson, J. W.	Hopewell, N. S.
Robinson, R. P.	Ottawa.
Scott, P. J.	Southampton.
Smellie, D. McK.	Madoc.
Walker, A. D.	Belleville.
Whitney, A. W.	St. Paul, Minn.
Wright, T. A.	Russell, Manito

1889.

Belch, John A.	Syracuse, N. Y.
Buchanan, H. M.	St. Lawrence, N. Y.
Campbell, A. L.	Rochester, N. Y.
Chanonhouse, R. C., B.A.	Harrowsmith.
Cloutier, Felix.	Crysler.
David, W. C.	South Bay, Mich.
Drummond, P.	Grant, Mich.
Duff, John.	Deceased.
Elliott, Arthur R.	Auditorium Hotel, Chicago.
Emery, G. F.	Gananoque.
Freeland, A.	Ottawa.
Gardiner, S. H., B.A.	Brooklyn, N. Y.
Grant, Norman, B.A.	Waipairo, New Zealand.
Graham, H. C. W.	Brewster.
Harkness, F. B.	North Gower.
Harvie, William D.	Hillsboro, Dak.
Hilker, Adam E.	Jamaica.
Holdcroft, Joseph.	Merriekville.
Johnston, W. H.	Burrett's Rapids.
Kilborn, Omar L., B.A.	China.
Lanfear, Herny O.	Lakefield.
Little, W. C.	Dimboold, Vic., Aus.
Mavety, Alex. C.	Toronto.
McGrath, Michael E.	183 W. Madison Ave., Chicago.
McKillop, James T.	Wardsville.
Mitchell, H. F.	South Bend, Ind.
Northmore, Harold S.	Bath.
Paterson, A. J.	Iron River, Wis.
Rankin, W. H.	Brooklyn, N. Y.
Robinson, Andrew.	
Ryan, Edward.	Kingston
Sands, Ernest.	Cold Springs.
Snider, Elias T.	Inwood.
Stewart, Alexander.	St. Thomas, Dakota.
Tilman, H. G.	Jamaica.
Walker, S. R.	Papineau, Iro. Co., Ill.

1890.

Bell, J. H.	Kingston.
Camelon, T. P.	Chicago.
Campbell, J. S.	Ontario, N. Y.
Cameron, W. A.	Kemptville.
Chown, A. P.	Kingston.
Clerihew, E. M.	W. 47th St., New York
Coon, D. A.	Elgin.
Cunningham, D.	Kingston.
Dixon, A. F.	Toronto.
Dixon, J. H.	Burlington, Iowa.
Dupuis, E. L.	Seattle.
Earl, W. M.	Bishop's Mills.
Gandier, A.	Richmond, Florida
Gray, W. A.	Pembroke.
Hayunga, George.	400 Canal St., New York.
Herald, Wilson.	Vancouver, B.C.
Holderoft, W. T.	Deseronto
Kellock, T.	Fullerville Iron Works, N. Y.
Lockhart, G. D.	
McKenty, James.	Gretna, North Dakota.
MacPherson, W. A.	Deceased.

Miller, J. S. C.	Seattle.
Mitchell, C. T.	South Bend, Ind.
Morgan, E. M.	
Neish, J. G.	Jamaica.
Patterson, J. N.	Okiowa, Neb.
Pirie, H. H.	Dundas.
Phelan, Leo	Sioux City.
Reid, J. D.	Cardinal.
Shannon, J. R.	New York.
Todd, S. G.	Woodland, Indiana.
Watts, T. E.	Natural Bridge, N. Y.

1891.

Burrows, John G.	Napanee.
Brady, James	Rochester, N. Y.
Campbell, James W.	Kingston.
Carmichael, Andrew	Sundridge.
Davis, Sidney N.	York.
Echlin, E. B., B.A.	Ottawa.
Empey, William A.	Brinston's Corners.
Foley, Ignatius J.	Deceased.
Fowkes, John T.	Omar, Jeff. Co., N. Y.
Gardiner, Robert J.	Seeley's Bay.
Genge, William W.	Wolfe Island.
Gibson, James F.	Kingston.
Green, Samuel D.	Bancroft, Ont.
Haig, Andrew, M.A.	Menie.
Harrison, Edgar D.	Madoc.
Herald, Dundas	Longley, B.C.
Johnston, William J.	Almonte.
Kennedy, John T.	Fort McKavett, Tex.
Kidd, William E.	Oak Park, Ill.
Lavers, Frank C.	New Ross, N. S.
Mecham, George P.	Limestone, N. Y.
Moore, John	Plainfield.
McColl, Allen E., B.A.	Belleville.
McCuaig, John, A.E.	Danville, Pa.
McLean, Earnest H.	Revelstoke, B.C.
MacLennan, Duncan N.	Port Hope.
McLennan, James A.	Economy, N.S.
McNee, J. Edwin	Perth.
Oldham, John H.	Yarker.
Raymond, Nelson	New Rochelle, N. Y.
Robinson, E. B.	San Francisco, Cal.
Ryan, Michael D.	Oates.
Scott, William J.	Lanark.
Spankie, James E.	Yonkers, N. Y.
Stuart, William A., B.A.	Clarenceville, Que.
Valleau, Arch J.	Wolcott, Vermont.
White, James W.	Ogdensburg.
Wilson, Arthur C.	

1892.

Adams, George T.C.	Melbourne, Australia.
Adams, Joseph	Kingston.
Adamson, Herbert A.	Richmond City, Utah
Balfe, Thomas H.	Hamilton.
Barber, Albert E.	Mishawaka, Ind.
Belton, William J.	Deceased.
Birmingham, Francis H.	New York.

Bissonette, Julien D., B.A.	Napanee.
Bourns, Thomas C.	Addison.
Bourns, William H.	Frankville.
Denaut, Henry D.	Delta.
Douglass, Henry E.	Muncio, Ind.
Gibson, James C.	New Haven, Mich.
Hare, W. G.	Bay City, Mich.
Kelly, John J., B.A.	Sydney, N.S.W.
Kemp, J.A.	Indian Head, N.W.T.
Kirk, Frederick J., B.A.	Brooklyn.
Lent, Edwin J.	Lakeville, Ind.
Lockhart, Alfred J.	Harrowsmith.
Melville, Edmond J.	Bakersville, Vermont.
McCammon, Fred. J., B.A.	Brooklyn.
Robinson, Robert R.	Albarni, B.C.
Scott, Thomas B., B.A.	
Smith, George H. W.	Oxford St., Sydney, Australia.
Stevens, Nathaniel T.	Ashkum, Ill.
Sullivan, Dennis V., B.A.	Kingston.
Thompson, William B.	New York.
Tuttle, Henry E.	Iroquois.
Wheeler, James W.	Cornwall.
Wood, I., M.A.	Kingston.

1893.

Austin, G. H.	Cairo, N. Y.
Barker, A. N.	Fenwick.
Black, B. F.	
Brown, Jonathan	New Lothrop, Mich.
Countryman, J. E.	Drayton, N. Dakota.
Cormack, J. H.	Ottawa.
Gibson, J. J.	Alexandria, Ind.
Gibson, J. L.	Cherry Valley.
Giles, G. C.	Brockville.
James, H. J.	Nipissing District.
Joyner, N. P.	Clayton, N. Y.
Locke, J. A.	Iroquois.
Levitt, M.	East Hatley, Que.
Minnes, R. S., M. A.	Kingston.
Malcolm, W. G.	Chesley.
Murphy, J. E.	Portland, Leeds Co.
McDonnell, H.	Deceased.
McGrath, G.	
Neville, M. J.	Kingston.
Robertson, A. C.	Madoc.
Ruttan, F. S.	Sydenham.
Ryan, C.	
Smith, R. G.	Oakland, Iowa.
Walkinshaw, W.	Campbellford.

1894.

Allen, James Ross	New York.
Anderson, William J.	Stanley.
Boucher, Joseph A.	Watertown, Mass.
Connell, W. T.	Kingston.
Davis, John J.	
Farley, F. J.	Trenton.
Fitzgerald, G. D.	Peterboro.
Fulton, Cyril	Fort Covington, N.Y.
Gillen,	

Kinsley, P. J.	Fairfield, Vermont.
Leahy, B. J.	Port Jarvis, N. Y.
Morden, J. W.	Deceased.
Myers, A. R.	Moncton, N.B.
McCutcheon, W. C.	Cassopolis, Mich.
Parlow, A. B.	Aultsville.
Sands, W. W.	Sunbury.
Seager, James.	Centreville.
Stevenson, J. A.	Chicago.
Williams, H. G.	Vancouver.
Young, W. A.	Olean, N. Y.

1895.

Abbott, G. A.	Kingston.
Ames, A. J.	Rush, Monroe Co., N. Y.
Berry, G. H.	Seeley's Bay.
Butler, T. J.	375 Munroe St., Chicago.
Craft, R. A.	Bloomfield.
Cranston, J. G.	Arnprior.
Drennan, Jennie.	Kingston.
Farrell, T. H.	Kingston.
Fleming, H. P.	Ottawa.
Hagar, F. C.	Portland, Leeds.
Henderson, N. R.	Kingston.
Kyle, R. J. L.	West Webster, N. Y.
Lofthouse, W. O. R.	Kingston, Jamaica.
Marselis, E. H.	South Finch.
Merriman, W. H.	Latimer.
McBroom, J. A.	Gananoque.
McDonald, H. S., B.A.	Dresden.
McEwen, A.	Hulbert.
McKeown, H. A.	Belleville.
Robinson, A.	Kingston.
Stewart, G. A.	Glenside.
Tillman, H. A.	Kingston, Jamaica.
Whitteker, W. C.	Avonmore.

FELLOWS.

Bethune, Alexander.	Wingham.	1874
Bray, John L.	Chatham.	1890
Cluness, William B.	San Francisco, Cal.	1871
Day, Henry W.	Belleville	1890
Dickson, John R.	Deceased.	1866
Dupuis, Thomas R.	Deceased.	1871
Fenwick, Kenneth N.	Deceased.	
Fowler, Fife, L.R.C.S. Edin., 1846, M.D. Marisch College, Aberdeen, 1858.	Kingston.	1866
Fox, Joseph F., M. P., House of Commons, England	Queenstown, Ireland.	1892
Henderson, Donald.	Winnipeg.	1886
Horsley, Edward H.	Deceased.	1886
Irwin, Chamberlain Arthur.	Deceased.	1886
Kennedy, Roderick, L.R.C.S., Edin., 1843, M.D., Univ. St. Andrew, 1843.	Bath.	1866
Lavell, Michael.	Kingston.	1866
McLean, Donald, M.D. Univ. Edin, 1862.	Detroit, Mich.	1866
MacIntyre, Duncan.	Glencoe.	1893
Mark, Robert.	Ottawa.	1871



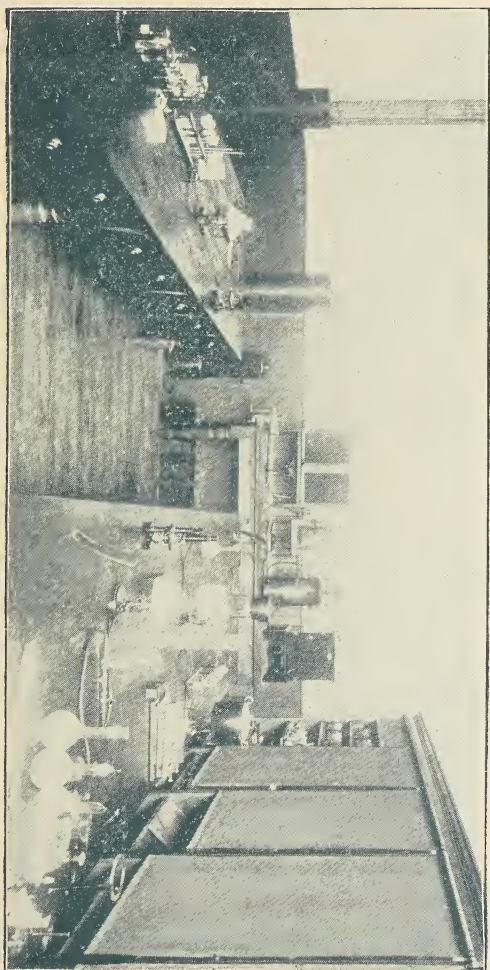
Matheson, Murdoch.....	Waverly, New South Wales .....	1886
Moore, Vincent H.....	Brockville.....	1890
Neish, James.....	Kingston, Jamaica.....	1874
Oliver, Alfred S.....	Kingston.....	1873
Preston, Robert H.....	Newboro.....	1890
Purdy, Charles W.....	Chicago.....	1886
Reeve, Richard A.....	Toronto .....	1866
Saunders, Herbert J.....	Deceased.....	1871
Sullivan Michael.....	Kingston .....	1866
Walker, A. Holford.....	Toronto.....	1891
Yates, Horatio.....	Deceased.....	1871
Yates, Octavius.....	Deceased.....	1871

### LICENTIATES.

Abbott, Samuel.....	Deceased.....	1872
Adams, G. T. C.....	Millbourne, N.S.W.....	1892
Alexander, James.....	Deceased.....	1869
Alway, Enoch.....	Binbrook.....	1860
Balfe, Thomas H.....	Hamilton.....	1892
Barnes, Leander.....	Murray River, P.E.I.....	1890
Bice, Mark.....	Hampton.....	1869
Bigham, Hugh.....	Fenelon Falls.....	1867
Bigham, James.....	Warsaw.....	1868
Bruce, Fred.....	Mount Morris, Mich.....	1888
Booth, Donald B.....	Deceased.....	1868
Burgar, C.....	Niagara Falls.....	1870
Campbell, Albert L.....	Penfold, N. Y.....	1888
Chaffey, Ellswood.....	Ontario, California.....	1870
Chamberlain, Theodore F.....	Toronto .....	1871
Clapham, Edward.....	.....	1868
Close, James.....	Ohio, U.S.....	1873
Coleman, William F.....	Chicago .....	1870
Corbett, Henry T.....	Deceased.....	1868
Cornell, Charles.....	Brockville.....	1872
David, Alfred.....	Atlantic Mines, Mich.....	1895
Davis, L. T.....	Nanimo.....	1883
Davis, John J.....	Kingston.....	1890
Davison, Meyers.....	Deceased.....	1874
Day, Barnabas W.....	San Diego.....	1871
Day, Johathan.....	Deceased.....	1881
Dickson, John R., jr.....	Deceased.....	1866
Dowsley, D. H.....	Kingston.....	1875
Dugdale, John J.....	Deceased.....	1867
Dunlop, James Donald.....	Alpena, Mich.....	1886
Erichsen, Hugo.....	Detroit.....	1883
Erly, Francis W. J.....	Deceased.....	1868
File, Albert J.....	Ameliasburg.....	1869
Fisher, Albert J.....	Brigden.....	1893
Fralick, W. G.....	New York City.....	1887
Frazer, Allen H.....	Deceased.....	1867
Graham, William J.....	Bothwell.....	1873
Green, J. B.....	Mishawaka, Indiana.....	1891
Gunsolus, Kenneth.....	Detroit, Mich.....	1874
Hall, William.....	Qu'Appelle.....	1883
Hall, John D.....	Deceased.....	1878
Harvey, Leander.....	Watford.....	1880
Harvey, W. D.....	Hillsboro, Dakota.....	1867



Hay, William, B.A.	St. Lawrence, N. Y.	1887
Henderson, K.	Clyde River, P.E.I.	1890
Hendry, George	Deceased	1869
Herriman, Weston Leroy	Lindsay	1869
Higginbotham, A.	Deceased	1868
Horsey, Edward H.	Deceased	1871
Houston, William R.	Chatham	1871
Hutcheson, John	Meaford	1869
Johnstone, David	Kincardine	1869
Jones, De Witt Clinton	Toronto	1891
Keith, Sylvanus	New Glasgow, N.S.	1886
Kidd, Edward	Pictou	1881
Knight, John H.		1880
Koyle, F. H.	Brockville	1888
Lavell, Charles H.	Deceased	1873
Lavell, William A.	Deceased	1880
Lavers, Frank Charles	New Ross, N.S.	1891
McLean, Archibald	Ann Arbor	1880
Mark, Robert	Ottawa	1867
McAmmond, J. F.	Scottsville, N. Y.	1889
McBroom, James Alexander	Gananoque	1895
McCutcheon, W. C.	Cassopolis, Mich.	1894
McDowell, John	Deceased	1880
McPhee, J. W.	Deceased	1886
McPherson, W. A.	Prescott	1890
Meadows, R. W.	H. M. Service	1866
Meagher, Augustus D.	Deceased	1869
Mitchell, Charles F.	South Bend, Ind.	1890
Mitchell, H. F.	South Lake, Ind.	1889
Munro, David	Perth	1867
Murphy, H. J.	Chatham	1867
McLean, Donald	Detroit	1868
McLennon, Alexander S.	Chicago	1873
Myers, Ambrose Richard	Forfar, Ont.	1894
Nesbitt, Edward	Deceased	1868
Newell, James	418 Grand River Ave., Detroit	1869
Nimmo, John H.	Brockville	1886
Noel, J. V.	Deceased	1867
Ogilvie, James A.	Kingston, Jamaica	1891
Oliver, John K.	Deceased	1868
O'Sullivan, John	Deceased	1868
Patterson, Richard Langford	Buffalo, N. Y.	1885
Patterson, James B.	Port Elgin	1869
Potts, James McCumming	Belleville	1888
Price, Robinson B.	Kingston	1871
Purdy, Charles W.	Chicago	1869
Reid, John D.	Cardinal	1890
Rourke, Francis	Dublin, Ont.	1867
Scott, William H. S.	Southampton	1890
Smith, Geo. A. W.	Sydney, N.S.W.	1892
Spear, Hugh	Toronto	1868
Stark, Alexander	Berwick	1880
Stewart, Gerald J.	Angus	1869
Symington, Thomas	Camlachie	1881
Tait, Stewart	Kingston, Jamaica	1890
Taplin, Albert Edward	Rochester, N. Y.	
Thibodo, Francis H.		1895
Thibodo, Robert	Deceased	1868
Tilman, Harry G.	Kingston, Jamaica	1889



PATHOLOGICAL AND BACTERIOLOGICAL LABORATORY.



VanAllen, John R.....	Kansas City .....	1870
Vanvlack, Gilbert.....	Deceased.....	1870
Wilson, Charles J. C.....	Montreal.....	1869
Wafer, Francis W.....	Deceased.....	1867
Wood, William Field.....	Mishawaka.....	1869
Wood, Isaac.....	Kingston .....	1892
Young, David.....	Manitoba. ....	1871

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### POST GRADUATE COURSE.

The Faculty have arranged for a Post Graduate Course to begin October, 1897. It will consist entirely of clinical and practical work in Medicine, Surgery, Obstetrics and Gynæcology, and is intended to meet the requirements of the Medical Council, particularly as regards the fifth year's course of study.

The following members of the staff will take part in the work : Professors Garrett, Mundell, Anglin, Ryan, Herald, Wood, Cunningham, W. T. Connell and J. C. Connell.

## VETERINARY COLLEGE.

The veterinary branch of the School of Mining and Agriculture, Kingston, has completed its first year with highly satisfactory work among the students. The next session opens October 1st, 1896, and will extend to March 21st, 1897. The object of this college is (1) to give to students such a knowledge of the diseases of domestic animals as will enable its graduates to practice the profession of veterinary surgeons, and (2) to give to farmers' sons and stock raisers such an elementary knowledge of veterinary science as will enable them to treat their stock intelligently, breed them scientifically, and in case of serious sickness administer temporary relief until a regularly qualified veterinary surgeon can be sent for.

In trying to accomplish these objects, the teaching staff endeavor to lay a broad foundation by imparting as thorough a knowledge as possible of comparative anatomy, physiology and pathology. The latter subject receives special attention, because some contagious diseases are common to man and to the domestic animals, and other diseases which are not contagious, but caused by an animal's surroundings, develops similar symptoms and run a similar course in the lower animals as in man.

The staff is composed of Prof. G. W. Bell, of Erie, Pennsylvania, a Canadian graduate; Profs. Nichol and Morgan, of Kingston; Prof. J. A. Bell, of Watertown; and Professors Goodwin, Campbell, Knight and Connell, of Queen's University staff. An infirmary for sick animals and a dissecting room have been built, and the former high school building is college headquarters. Beginning January 7th there will be a short course of eight weeks for instruction and practice for farmers' sons.

The progress of veterinary medicine, surgery and dentistry in Canada and the United States has not kept pace with the advances in other branches of science, and especially with human medicine. The public have been brought to feel strongly the want of men educated in veterinary medicine, because of the ravages lately of contagious diseases, such as epizootic, glanders, pleuro pneumonia, Texan-fever, anthrax, swine-plague, chicken-cholera, etc. The estimated loss in the United States from pleuro-pneumonia alone of more than \$10,000,000 within ten years, shows the great importance of a correct knowledge of such diseases.

**For further information apply to G. W. Bell, V. S., Kingston.**



## PASS LIST IN MEDICINE.

### FIRST YEAR.

#### JUNIOR ANATOMY.

Simpson, W. J., Williamson, A. B., Chapman, A. P., Loucks, R. E., Hamilton, D. J., Menzies, R. D., McKenty, D. F., Mitchell, J., Watson, E. C., Ilett, A. E., Hunter, H. A., Conner, F. E., Johnston, G. S., Goodwill, V. L., Shaw, A., Sadler, G., Amys, C. H., Connolly, E. W., McRae, D. P., Gould, S. H., Goodchild, J. F., Macauley, E. M., Parker, R. D., Bell, P. M., Meek, C. D., McKay, M. D., Cays, E. B., Richardson, A. W., McCrea, H. H., Hanley, J. H., Devlin, J., Hastings, F. R., Huffman, R. W., McLean, J. C., Elliott, E. S.

#### ANIMAL BIOLOGY AND JUNIOR PHYSIOLOGY.

Johnston, G. S., Simpson, W. J., Goodchild, J. F., Watson, E. G., Young, W. W., Shaw, A., McKenty, D. J., O'Connor, C. E., Amys, C. H., Hunter, H. A., Chapman, A. B., Gage, J., Huffman, R. W., Richardson, A., Hamilton, D. J., Connolly, E. W., McCrea, D. P., Sadler, S., O'Hara, J. J., Mitchell, J., McCrea, H. H., Conner, F. E., McKay, M. H., Hastings, F., Devlin, J., Parker, R., Meek, C. F., Hanley, J. H.

#### JUNIOR MATERIA MEDICA.

Simpson, W. J., Young, W. W., McKenty, D. F., Hamilton, D. J., B.A.; Chapman, A. B., Williamson, A. R., B.A.; Hastings, F. R., Watson, E. C., M.A.; Ilett, A. E., B.A.; Goodchild, J. F., Shaw, A., Menzies, R. D., B.A.; Conner, F. C., Hunter, H. A., Parker, D. W., Mitchell, J., Johnson, E. S., McCrae, H. H., McCrae, D. P., Lavell, W., Meek, C. F., McKay, M. H., Elliott, E. S., Hanley, J. H., McLean, J. C., Richardson, A. W., B.A.; Huffman, R. W., Cays, E. B., Devlin, J., Sadler, G., Connolly, E. W., Dix, D. J., Macauley, E., Goodwill, N. L.

#### JUNIOR CHEMISTRY.

Simpson, W. J., Goodchild, S. F., Shaw, A., Hastings, F. R., Connor, F. E., Young, W. W., Chapman, A. B., Hunter, H. A., Parker, R. D. W., Mitchell, J., McCrae, D. P., Hanley, J. H., Connolly, E. W., Devlin, J., McKay, M. H., Sadler, G. S., Meek, C. F., Elliott, E. S., Huffman, R. W.

### SECOND YEAR.

#### SENIOR CHEMISTRY.

Armstrong, C. C., Cooper, E. G. G., Condell, Jacquith, Fadden, Elliott, Paul, Hills, Hanley, Wegner, O'Connor, Doyle, Mather, Davis, Loucks, McCambridge, Metcalfe, H. H., Kelly, W. G., Edmison, J. H., Stewart, Tripp, J. H., Hudson, C. H., Macdonald, J. F.

#### ANALYTICAL CHEMISTRY.

Fadden, W. S., Hills, W. H., Jacquith, W. A., Wegner, W. G., Corrigan, Knight, Davis, Burger, Bute, Armstrong, Condell, Edmison, Kilborn, Stewart, Cooper, O'Connor, Gage, Ilett, McConville, Mather, O'Hara, Redmond, Doyle, McCambridge, McKenty, Birkett, Elliott, Hamilton, Hanley, Spear, Tripp, Waldron.

SENIOR MATERIA MEDICA.

Honours:—Wegner, W. G., Huffman, F. G.

Pass:—Jacquith, W. A., Amys, C. N., Fadden, W. S., Hills, W. H., Morrison, C. A., Lalonde, F. C., Moffatt, W., Grange, T. A., Elliott, H. H., Hanley, R., Mather, J. F., Paul, J. H., Burger, C. H., Malone, H. V., Tripp, John; Armstrong, C. C., Cooper, E. G. G., Redmond, R. C., Ilett, A. E., Edmison, J. H., McCambridge, C. H., Loucks, R. E., Davis, N. A., O'Connor, C. J., Condell, W. N., Stewart, A. E., Kilborn, H. F., Gage, J. E., Doyle, J. D., Harty, J., Corrigan, D. J., Waldron, H. M.

SENIOR PHYSIOLOGY.

Honours:—Grange, T. A., Redmond, R. C., B.A.; O'Connor, C. E., Armstrong, C., Moffatt, W., M.A.; Fadden, W. S.

Pass:—Paul, J. H., Barber, V., Wagner, W. G., Elliott, H., Davis, W. A., Loucks, R. E., Tripp, John, Morrison, C., Huffman, F. G., McArthur, J., B.A.; Condell, W., Gould, G. H., B.A.; Hills, W. H., Lalonde, F., Doyle, J., Gage, J., Waldron, H., Ilett, A. E., B. A.; McCambridge, C., Jacquith, W., Corrigan, E. J., Cooper, E. G., Malone, H., Scott, W. B., Kilborn, H., Burger, C. H., Harty, J., Mather, J., Hanley, R., Jones, A. P., Birkett, F., Woodruff, G. A., O'Hara, J., Edmison, C. H., Kelly, T., Edmison, J. H.

MEDICAL HISTOLOGY.

Redmond, R. C., Fadden, Dunning, Wegner, Huffman, Jacquith, Scribner, Morrison, Armstrong, Waldron, Edmison, Loucks, Paul, Lalonde, Elliott, H. H., Malone, Hanley, Grange, Cooper, Corrigan, O'Connor, McCambridge, Gillespie, Burger, Stewart, Condell, Doyle, J. D., Harty, J., Teepell, McLaren, Hills, Davis, W. A., Birkett, F. W., Gage, J., Tripp, J., Mather, J. F.

SENIOR ANATOMY.

Honours:—Elliott, H. H., Redmond, Moffatt, Morrison, Paul.

Pass:—Fadden, Grange, Armstrong, Jacquith, Ilett, Barber, Stewart, Huffman, McCambridge, Wagner, Condell, Edmison, Hills, Lalonde, Cooper, Malone, Waldron, Tripp, O'Connor, Hanley, Burger, Kayler, Doyle, Scott, Gage, Dunning, Bell, Corrigan, Mather.

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THIRD YEAR.

PATHOLOGY.

Honours:—Mylks, Dyde, Croskery, Barber, Gould.

Pass:—Knight, Douglas, Ford, Hill, Drummond, Bellamy, Ross, Boyle, J., Scott, McArthur, Neish, Kelly, W. G., Huffman, McCarthy, Bannister, Irvine, Letellier, Metcalfe, McDermott.

JUNIOR PRACTICE OF MEDICINE.

Barber, Dyde, Croskery, Bannister, Huffman, Boyle, Knight, McArthur, Letellier, McCarthy, Ross, Neish, D. B., Mylks, Douglas, Bellamy, Scott, Kelly, W. E., Hill, Drummond.

JUNIOR SURGERY.

Dyde, C. B., Boyle, J., Barber, V., McArthur, J. H., Mylks, G. W., Ross, A. E., Kelly, W. G., Knight, A. S., Neish, D. B., Bannister, P. G., Croskery, E. A., Drummond, S. J., Letellier, A., McCarthy, W. A., Scott, W. B., Hill, F. L., Douglas, E. M., Ford, A. B., Metcalfe, H. H., Bellamy, A. W., Huffman, F.

MEDICAL JURISPRUDENCE.

Honours:—Croskery, E. A., Mylks, G. W., Barber, V., Dyde, C. B., Drummond, S. J., Scott, W. B., Boyle, J., McArthur, J., Irvine, W. H., Ford, A. B., Letellier, A., Ross, A. E., Douglas, H. E., Huffman, F. G., McCarthy, W. A., Dunning, J., Knight, A. S.

Pass:—Mackey, J. E., Bellamy, A. W., Gould, S. H., Bannister, S. G., Scribner, J. F., Kayler, W. B., Kelly, W. G., Wagner, E. N., Hill, F. L., Neish, D. B., Kelly, T. J., McLaren, A.

JUNIOR OBSTETRICS AND GYNÆCOLOGY.

Honours:—Huffman, J. G., Dyde, C. B., Ross, A. E., Barber, V., McArthur, J. H., Boyle, J., Scott, W. B., Mylks, G. W., Ford, A. B., Bellamy, A. W., W., Croskery, E. A., Douglas, H. E. M.

Pass:—Knight, A. S., Neish, D. B., Letellier, A., Bannister, P., Metcalfe, H. H., Kelly, W. G., Drummond, S. J., Hill, T. L., McCarthy, A. W., B.A.

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FOURTH YEAR.

SENIOR PRACTICE OF MEDICINE AND CLINICAL MEDICINE.

Honours —Murray, H. G., Boyle, J., Campbell, P. M., Macdonald, J.

Pass:—Teepell, E. W., Metcalf, A. A., Downing, J., Gibson, J. C., Irvine, W. H., McPherson, C. W., Hudson, C. H., Mooney, T. J., Webster, B. E., Embury, A. F., Irwin, A. W., Gillespie, H. W., Lyle, W. D., McLennan, D. R., McManus, J. C., Mackey, T. E., Kayler, W. B., Wager, E. N., Neish, J.

SENIOR SURGERY AND CLINICAL SURGERY.

Honours in Senior Surgery :—Campbell, McDonald.

Honours in Clinical Surgery :—Murray, Gibson, Irvine, Teepell, Metcalf.

Pass:—Webster, B. E., McPherson, C. M., Boyle, J., Downing, J., Kayler, W., Hudson, Mooney, Gibson, Embury, Gillespie, Mackey, McManus, Wager, Irwin, Lyle.

MEDICAL AND SURGICAL ANATOMY.

Honours :—Murray, H. G., Campbell, P. M., Mackey, T. E.

Pass:—Webster, B. E., McPherson, C., Gibson, J. C., Metcalfe, A. A., Lyle, W. D., Gillespie, H. N., Downing, J., McLennan, D. R., Embury, A., Teepell, E. W., Irvine, W. H., Boyle, J., Hudson, C. H., McLaren, A. F., Mooney, T. J., Macdonald, J. F., Irwin, A. W., Kelly, T., McManus, J. C., Kayler, W. B.

SANITARY SCIENCE.

Campbell, P. M., Murray, H. G., Ross, A. E., Dunning, J., Metcalfe, A. A., Mackey, T. E., Downing, J. J., Wager, E. N.

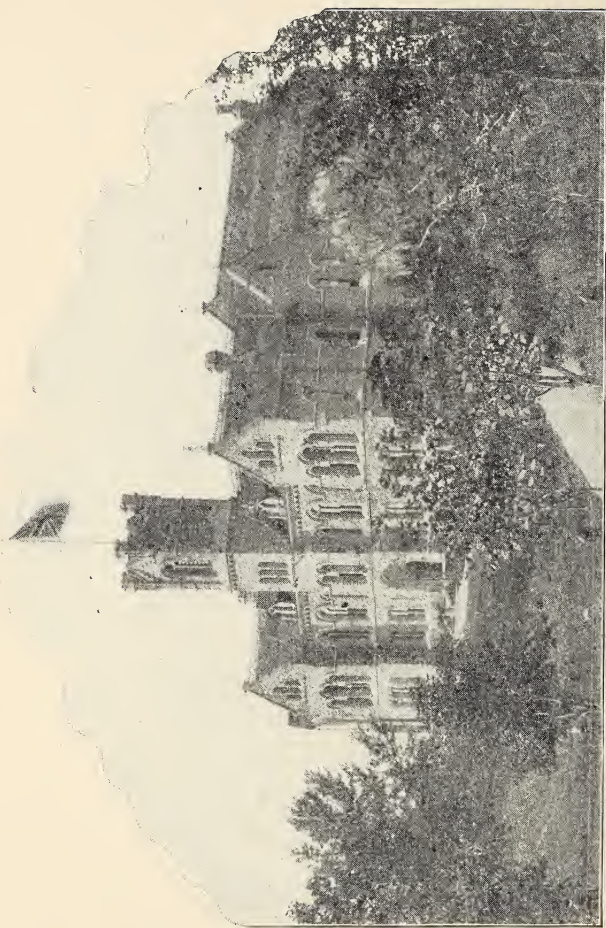












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